

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

NW/SE 1973' FSL & 1992' FEL
At proposed prod. zone 601 607

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10.7 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1973'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1332'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5496' GR

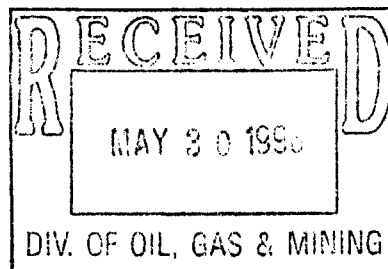
22. APPROX. DATE WORK WILL START*

3rd quarter 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Class G+2% CaCl+2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hilift followed by
				330 sx Class G w/ 10% CaCl

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Brad Mochan

TITLE Operations Manager

DATE 5/24/96

(This space for Federal or State office use)

PERMIT NO. 43-013-31668

APPROVAL DATE

APPROVED BY Matthew

TITLE Engineer

DATE 10/25/96

CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

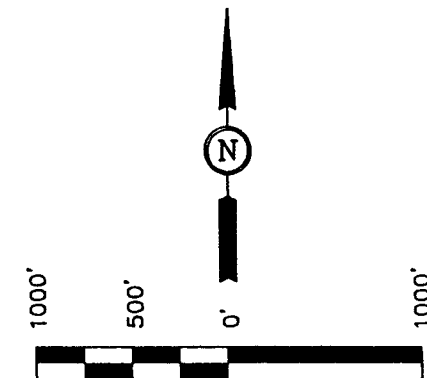
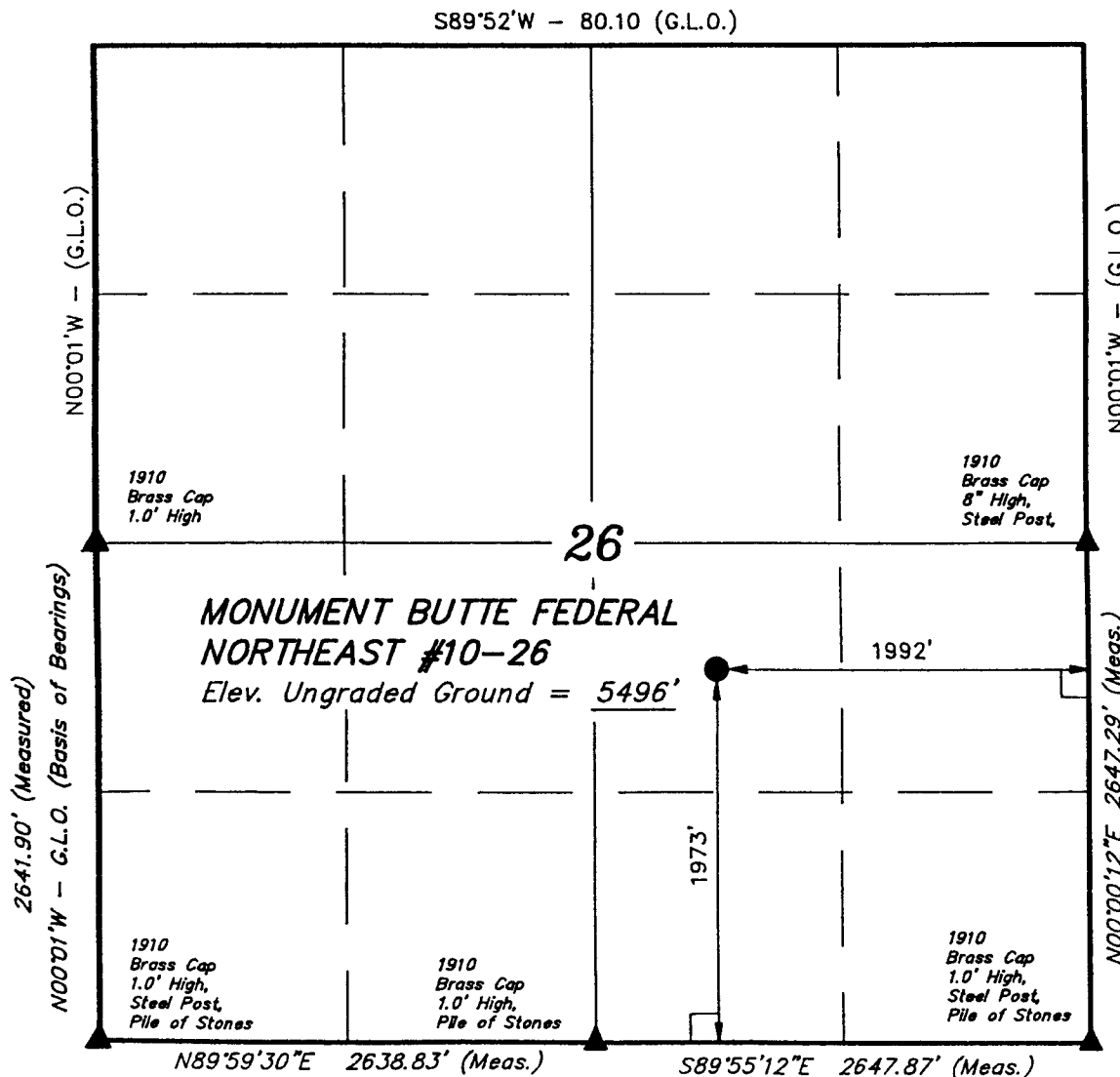
T8S, R16E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, MONUMENT BUTTE FEDERAL
NORTHEAST #10-26, located as shown in
the NW 1/4 SE 1/4 of Section 26, T8S,
R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION
26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5555 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 5-15-96	DATE DRAWN: 5-17-96
PARTY J.F. D.G. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

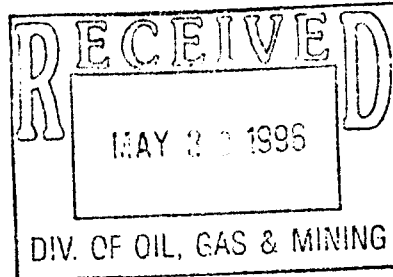
LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



May 29, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078



ATTENTION: Wayne Bankert

Re: Monument Butte Federal NE #9-26
NE/SE Sec. 26, T8S, R16E

Monument Butte Federal NE #10-26
NW/SE Sec. 26, T8S, R16E

Monument Butte Federal #4-34 (I)
NW/NW Sec. 34, T8S, R16E

Dear Wayne,

Enclosed are the original and two copies (each) of the Application For Permit To Drill, for the above referenced locations. Copies will also be submitted to the State of Utah.

If additional information is needed, please contact me at (801) 722-5103, in the Roosevelt office.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

cc: Attn: Frank Matthews
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, Utah 84180-1203

/cc
Enclosures

**LOMAX EXPLORATION COMPANY
MONUMENT BUTTE FEDERAL NORTHEAST #10-26
NW/SE SECTION 26, T8S, R16E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)

5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilier). Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' \pm , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' \pm . The cement bond log will be run from PBTB to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated bottom hole pressure is 2500 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence in September 1996, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
MONUMENT BUTTE FEDERAL NORTHEAST #10-26
NW/SE SECTION 26, T8S, R16E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Monument Butte Federal NE #10-26 located in the NW 1/4 SE 1/4 Section 26, T8S, R16E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 53 - 6.3 miles to its junction with Utah State Hwy 216; proceed southeasterly 1.6 miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road 1.3 miles to its intersection with the beginning of the proposed access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

If the Monument Butte Northeast #11-26 location is built first, the planned access road will leave the existing location described in Item #1 in the NW 1/4 SE1/4 Section 26, T8S, R16E, S.L.B., and proceeds in an easterly direction approximately 75' to the proposed location site. If the Monument Butte Federal Northeast #10-26 is built before the #11-26, the access road will be an additional .3 miles. See Exhibit "B".

The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road where is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

MONUMENT BUTTE FEDERAL NORTHEAST #10-26

There will be no culverts required along this access road. There will be no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

There are sixteen (16) producing, five (5) injection, and two (2) P&A, Inland Production wells, within a one (1) mile radius of this well. See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte oilfield. Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Monument Butte Federal NE #10-26.

Existing water for this well will be trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 30 X 6' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the wellbore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for reinjection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the north between stakes 5 & 6.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the east, between stakes 6 & 8.

Access to the well pad will be from the northwest, to the southwest corner, between stakes 2 & 3.

MONUMENT BUTTE FEDERAL NORTHEAST #10-26

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey will be submitted, as soon as it becomes available.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Monument Butte Federal NE #10-26, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Monument Butte Federal NE #10-26, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

MONUMENT BUTTE FEDERAL NORTHEAST #10-26

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

Address: P.O. Box 1446 Roosevelt, Utah 84066

Telephone: (801) 722-5103

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Monument Butte Federal NE #10-26 NW/SE Section 26, Township 8S, Range 16E: Lease # U-34346, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

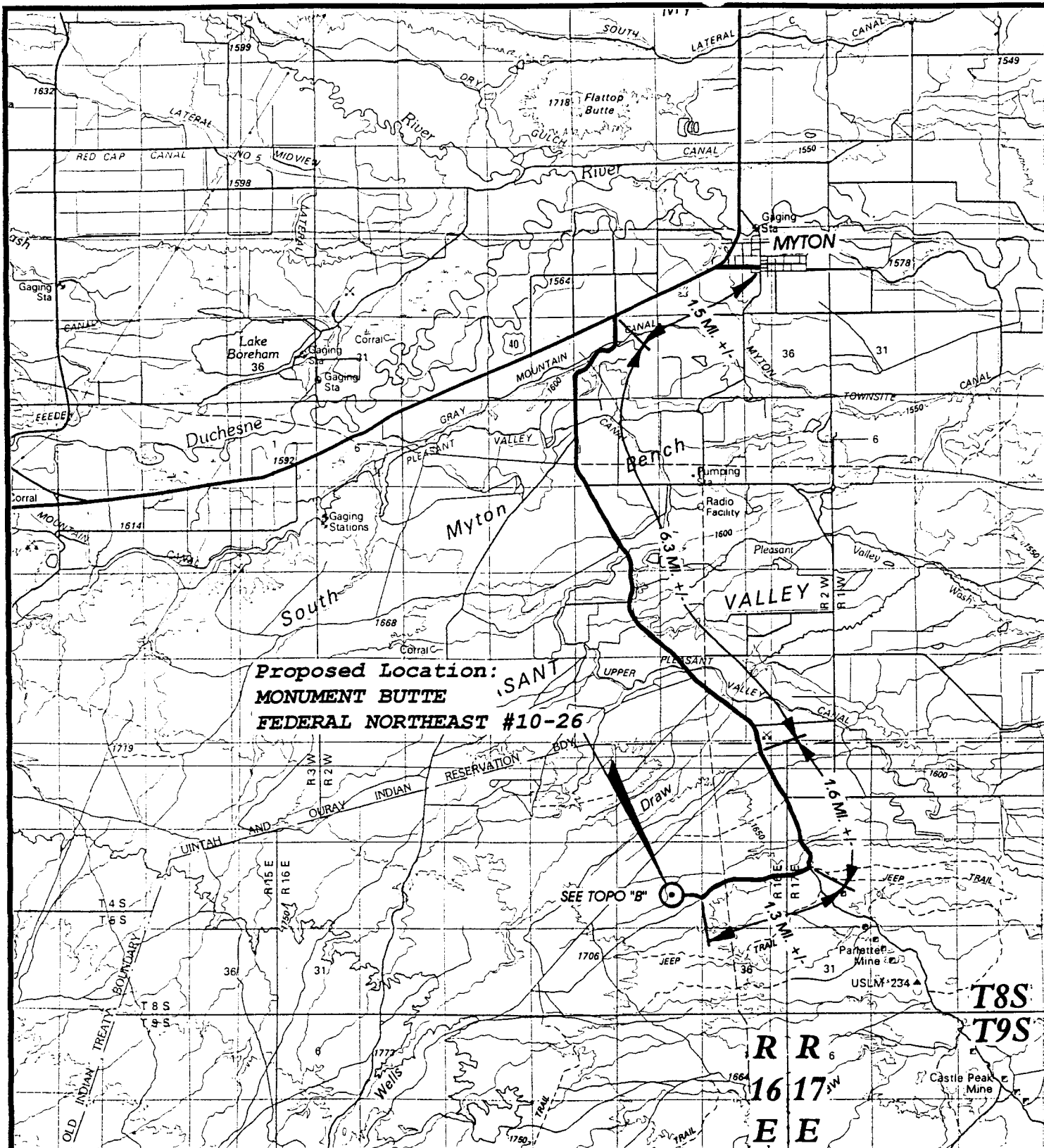
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

5-28-96

Date



Brad Mecham
Operations Manager



UELS

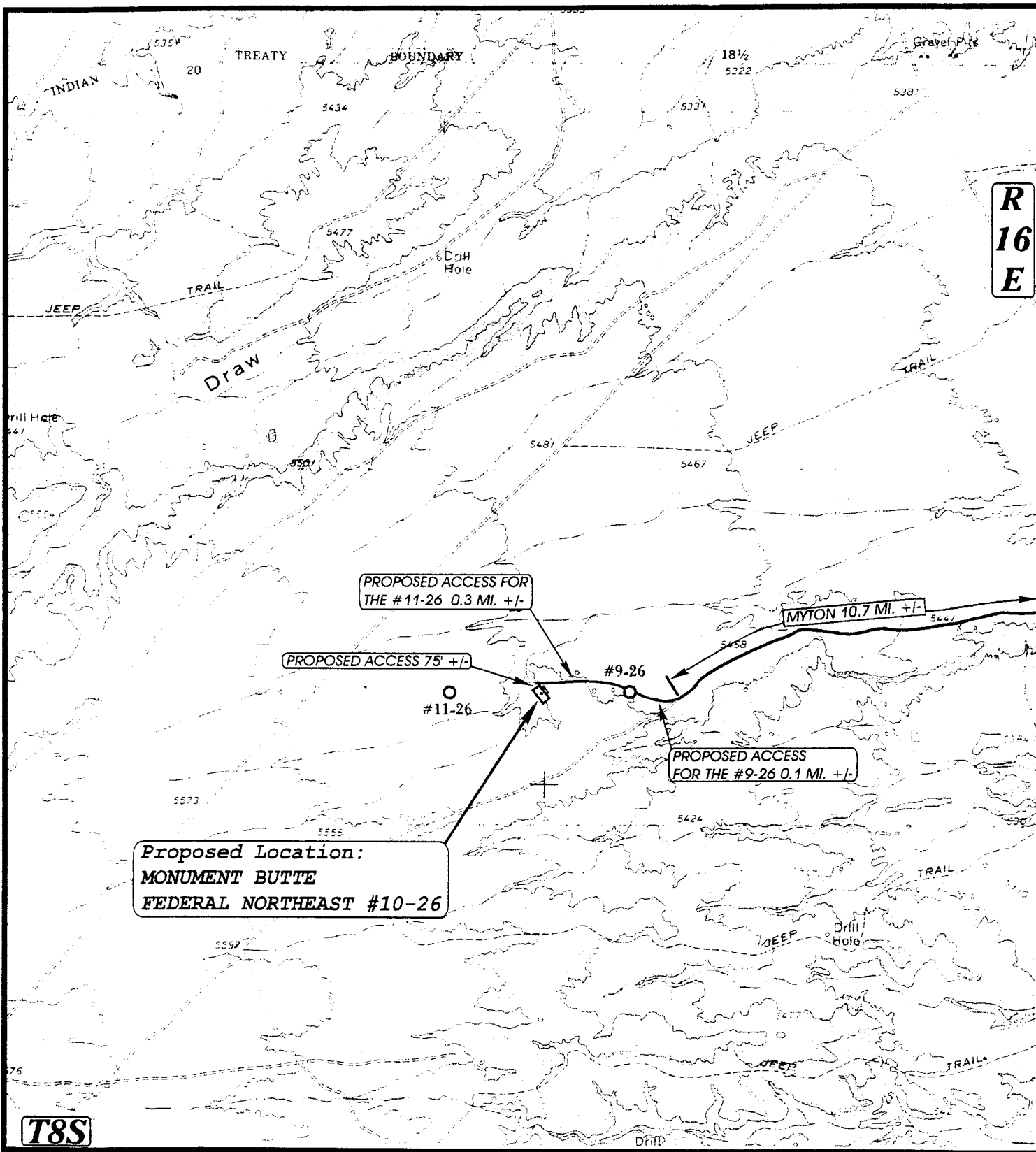
TOPOGRAPHIC MAP "A"

DATE: 5-18-96
Drawn by: D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



INLAND PRODUCTION CO.
MONUMENT BUTTE FEDERAL
NORTHEAST #10-26
SECTION 26, T8S, R16E, S.L.B.&M.
1973' FSL 1992' FEL



**R
16
E**

**Proposed Location:
MONUMENT BUTTE
FEDERAL NORTHEAST #10-26**

**PROPOSED ACCESS FOR
THE #11-26 0.3 MI. +/-**

PROPOSED ACCESS 75' +/-

**PROPOSED ACCESS
FOR THE #9-26 0.1 MI. +/-**

MYTON 10.7 MI. +/-

T8S

**TOPOGRAPHIC
MAP "B"**

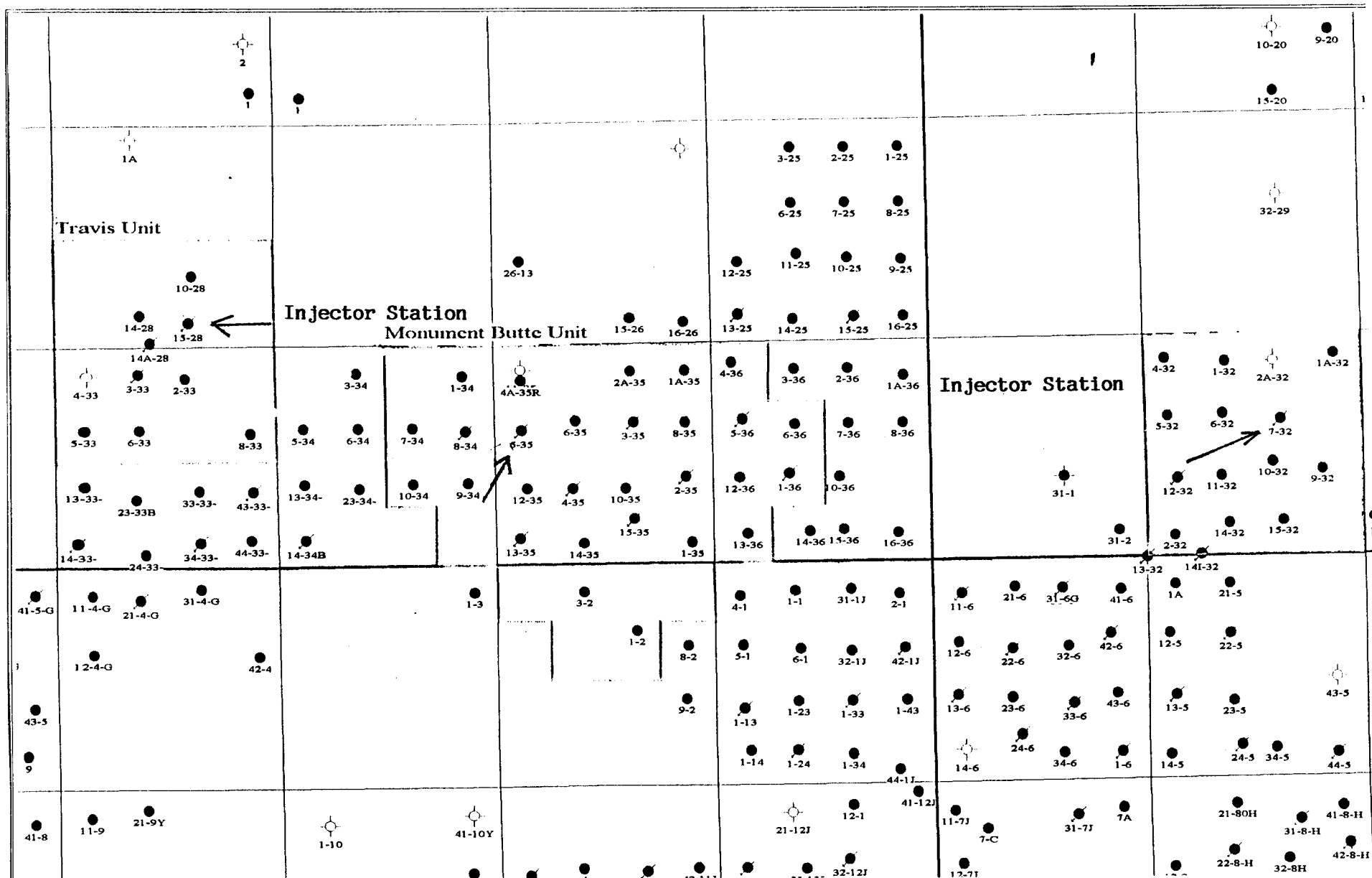
**DATE: 5-18-96
Drawn by: D.COX**

**UNTAEH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 780-1017**

SCALE: 1" = 2000'

**INLAND PRODUCTION CO.
MONUMENT BUTTE FEDERAL
NORTHEAST #10-26
SECTION 26, T8S, R16E, S.L.B.&M.
1973' FSL 1992' FEL**

EXHIBIT "C"



475 17th Street Suite 1500
Denver, Colorado 80202
Phone: (303)-292-0900

Regional Area

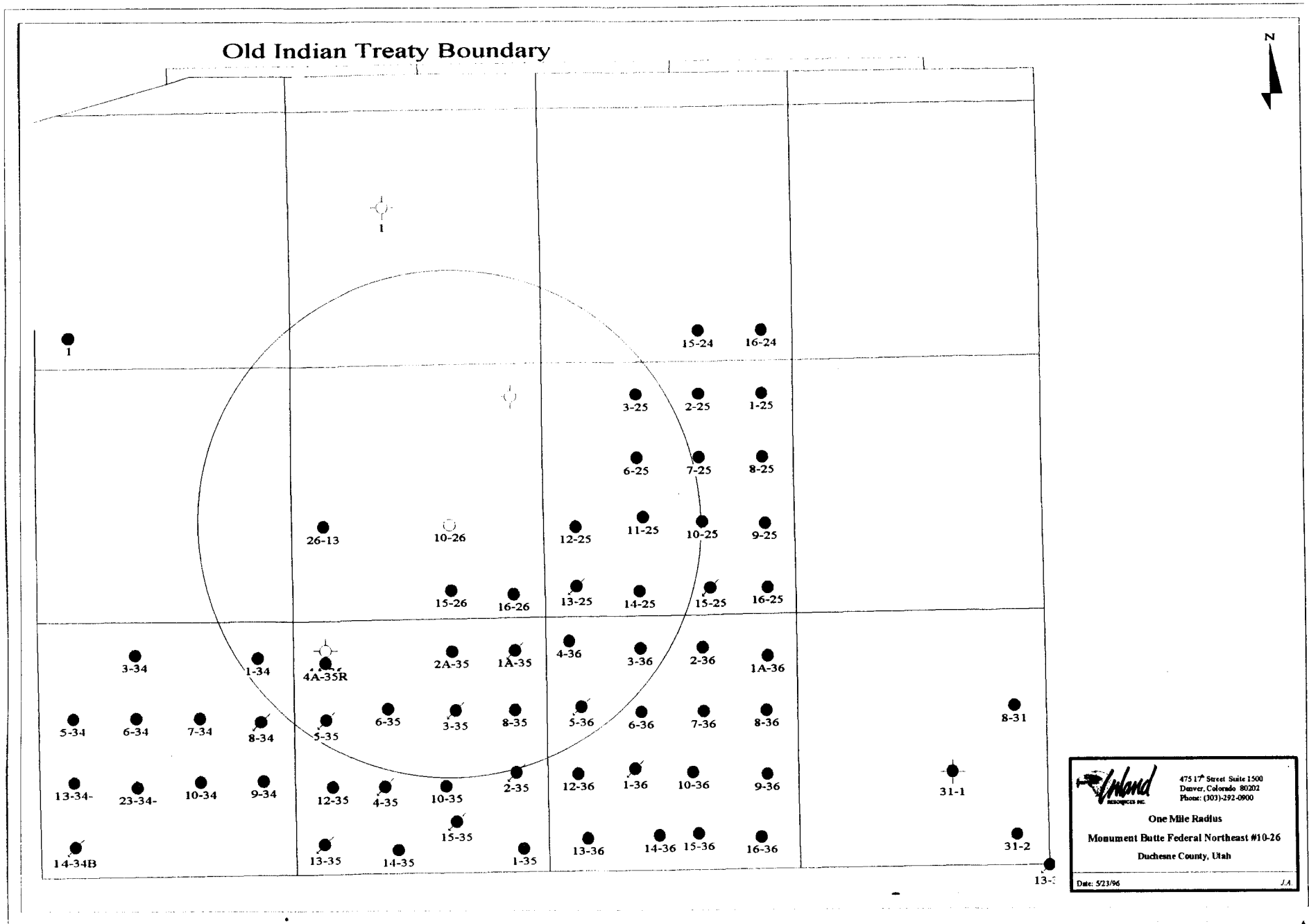
Duchesne Counties, Utah

Date: 5/7/96

JA.



EXHIBIT "D"



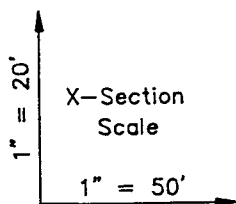
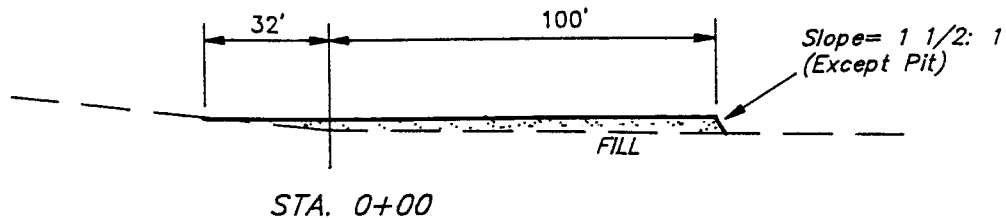
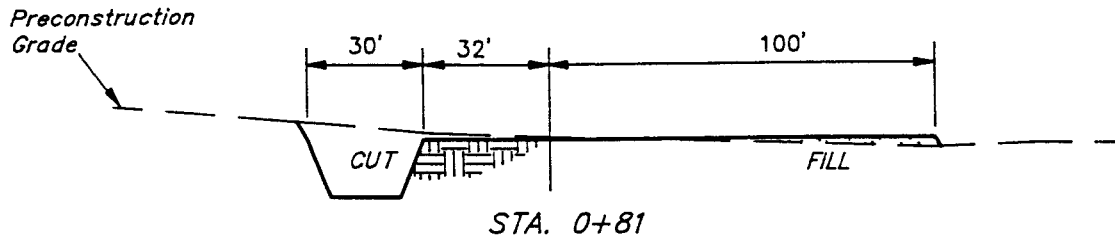
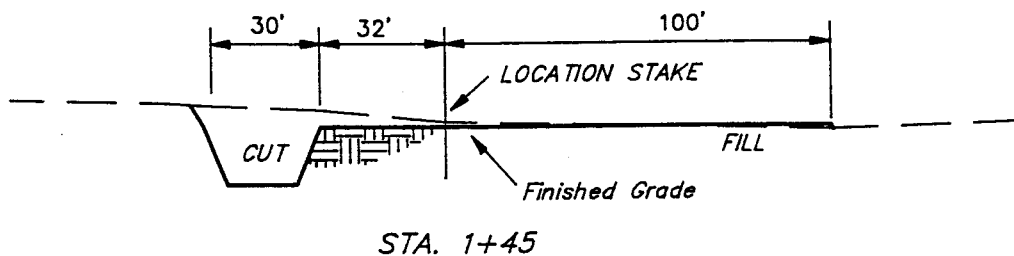
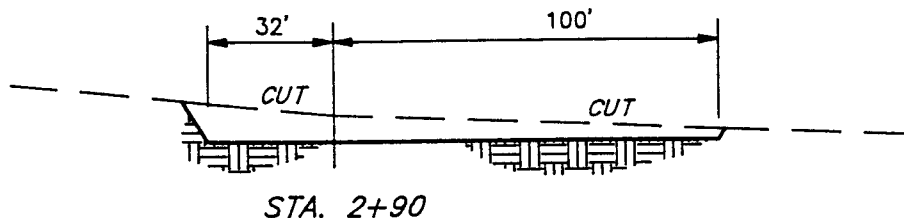
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

MONUMENT BUTTE FEDERAL NORTHEAST #10-26

SECTION 26, T8S, R16E, S.L.B.&M.

1973' FSL 1992' FEL

DATE: 5-17-96
Drawn By: D.R.B.

NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 750 Cu. Yds.

Remaining Location = 1,550 Cu. Yds.

TOTAL CUT = 2,300 CU.YDS.

FILL = 460 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 1,820 Cu. Yds.

Topsoil & Pit Backfill = 930 Cu. Yds.
(1/2 Pit Vol.)

EXCESS MATERIAL After = 890 Cu. Yds.

Reserve Pit is Backfilled &

Topsoil is Re-distributed

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

RAM TYPE B.O.P.

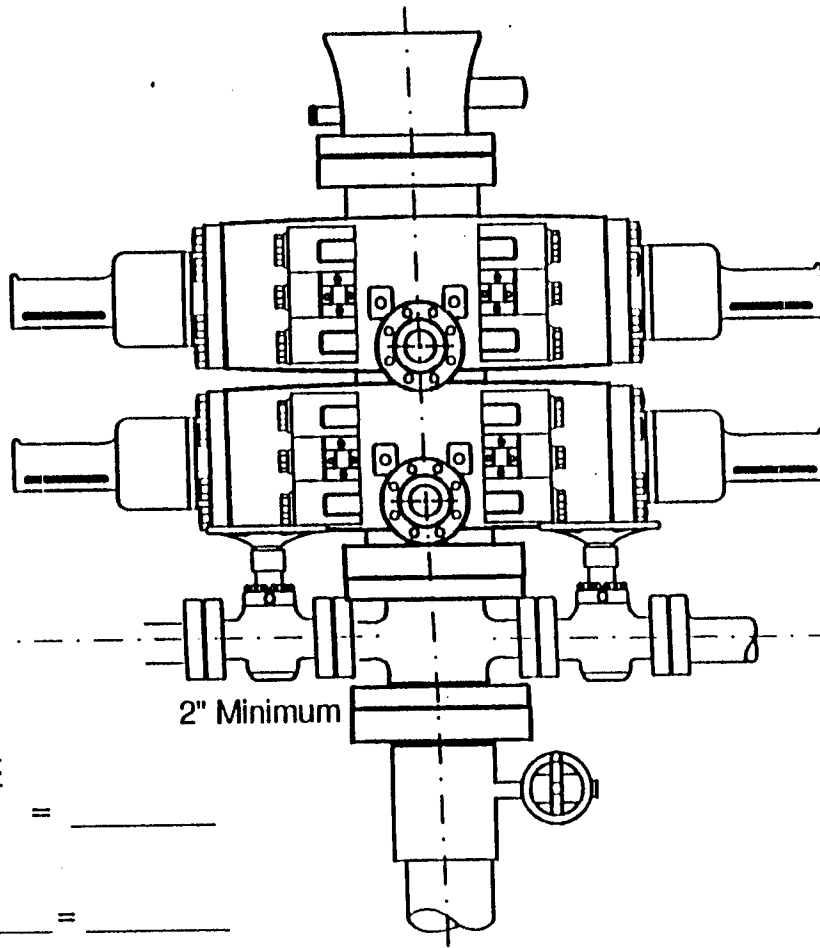
Make:

Size:

Model:

2-M SYSTEM

EXHIBIT F



2" Minimum

GAL TO CLOSE

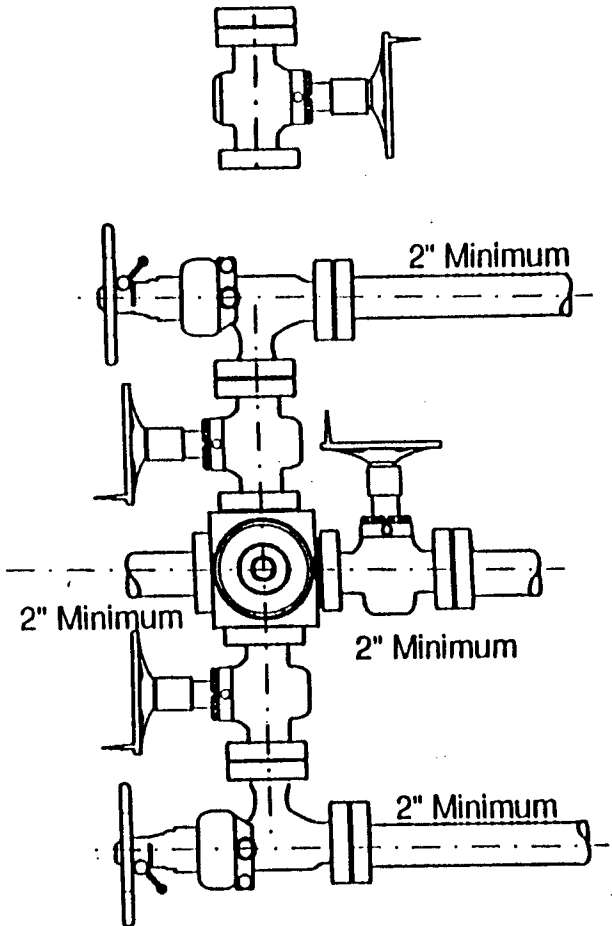
Annular BOP = _____

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher
increment of 10 gal. would require
_____ Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/30/96

API NO. ASSIGNED: 43-013-31668

WELL NAME: MONUMENT BUTTE FED NE 10-26
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

NWSE 26 - T08S - R16E
SURFACE: 1973-FSL-1992-FEL
BOTTOM: 1973-FSL-1992-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 34346

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 4488944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number WATER INJECTION WELL 7-32)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
☒ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

STIPULATIONS: _____

[illegible]

PREPARED:
DATE: 30-MAY-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: INLAND PRODUCTION CO	Well Name: MON BUTTE FED NE 10-
Project ID: 43-013-31668	Location: SEC. 26 - T8S - R16E

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft
 Shut in surface pressure : 2892 psi
 Internal gradient (burst) : 0.075 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Casing Data									
Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	6,500	5.500	15.50	J-55	LT&C	6,500	4.825		
Hole No.	Collapse			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension		
	Load (psi)	Strgth (psi)	S.F.				Load (kips)	Strgth (kips)	S.F.
1	3377	4040	1.196	3377	4810	1.42	100.75	217	2.15 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 10-25-1996
 Remarks :

GREEN RIVER

Minimum segment length for the 6,500 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 119°F (Surface 74°F , BHT 165°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and 3,377 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 25, 1996

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Re: Monument Butte Federal NE 10-26 Well, 1973' FSL, 1992' FEL,
NW SE, Sec. 26, T. 8 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31668.

Sincerely,

R. I. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office



Operator: Inland Production Company
Well Name & Number: Monument Butte Federal NE 10-26
API Number: 43-013-31668
Lease: U-34346
Location: NW SE Sec. 26 T. 8 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: MONUMENT BUTTE FEDERAL NE 10-26

Api No. 43-013-31668

Section 26 Township 8S Range 16E County DUCHESNE

Drilling Contractor

Rig #:

SPUDDED:

Date: 10/7/96

Time:

How: DRY HOLE

Drilling will commence:

Reported by: D. INGRAM-DOGM

Telephone #:

Date: 11/8/96 Signed: FRM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

NW/SE 1973' FSL & 1992' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10.7 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1973'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1332'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5496' GR

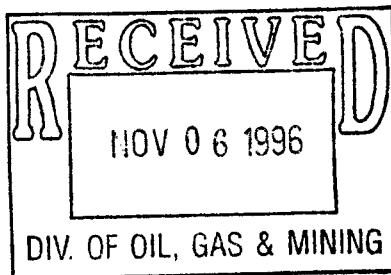
22. APPROX. DATE WORK WILL START*

3rd quarter 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Class G+2% CaCl+2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hilift followed by
				330 sx Class G w/ 10% CaCl

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.



RECEIVED
MAY 30 1996

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Brad Mechem

TITLE Operations Manager

DATE 5/24/96

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

Assistant Field Manager
Mineral Resources

DATE OCT 28 1996

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Monument Butte Federal Northeast 10-26

API Number: 43-013-31668

Lease Number: U -34346

Location: NWSE Sec. 26 T. 8S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water, identified at 320 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 120 ft., and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 781-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COA's)

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

-All vehicle travel will be confined to existing access road rights-of-way.

-No surface disturbing activities, construction, or drilling operations, including the initial completion activities, are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this Condition of Approval may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

-The topsoil will be windrowed on the SE side of the location between corners 2 and 8 instead of piled as shown on the cut sheet.

-One erosion control dam will be constructed in the drainage north of the location as staked.

OPERATOR Inland Production Co.

OPERATOR ACCT. NO. N 5160

ENTITY ACTION FORM - FORM 6

ADDRESS P.O. Box 790233

Vernal, UT 80479

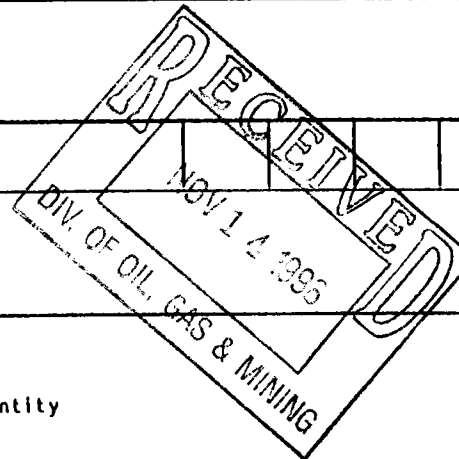
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12033	43-013-13668 31668	Monument Butte Fed NE 10-26	NWSE	26	8S	16E	Duchesne	11/7/96	11/7/96
WELL 1 COMMENTS: <i>Entity added 11-14-96. fcc</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



Cheryl Anderson
Signature
Regulatory Compliance Specialist
Date 11/11/96

Phone No. (801) 789-1866

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well



Oil Well



Gas well



Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE**Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.

U-34346

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

Monument Butte Federal NE

8. Well Name and No.

#10-26

9. API Well No.

**31668
43-013-13668**

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing repair



Altering Casing

Other **Spud Notification**

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-off



Conversion to Injection

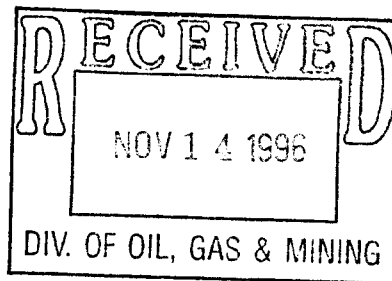


Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Drilled 12 1/4" hole to 305' w/ Leon Ross Rathole Rig. Set 293.70' of 8 5/8" J-55 csg. Cmt w/ 120 sx prem + w/ 2% CC & 2% Gel + 1/4#/sk flocele.

SPUD 11/7/96.

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

11/8/96

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE
Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.

U-34346

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

Monument Butte Federal NE

8. Well Name and No.

#10-26

9. API Well No.

**31608
43-013-13668**

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

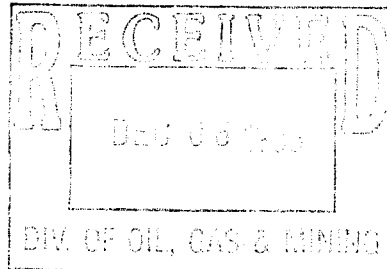
TYPE OF ACTION

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing repair ☐ Water Shut-off
☐ Altering Casing ☐ Conversion to Injection
☒ Other **Weekly Status** ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Drilled 7 7/8" hole from 305' - 6250' w/ Caza, Rig #59. Set 6253.94' of 15.5# J-55 csg. Cmt w/ 340 sx Hybond & 360 sx Thixo w/ 10% Calseal.

RDMOL

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

12/2/96

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE
Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.

U-34346

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

Monument Butte Federal NE

8. Well Name and No.

#10-26

9. API Well No.

**3166B
43-013-13668**

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
<input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 12/9/96 - 12/12/96:**Perf LDC sd 5834' - 5839', 5852' - 5854', 5892' - 5899'****Perf CP sd 6019' - 6021'****Perf C sd 5244' - 5252'**

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

12/13/96

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE
Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.

U-34346

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

Monument Butte Federal NE

8. Well Name and No.

#10-26

9. API Well No.

**31 W68
43-013-13668**

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Weekly Status
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 12/13/96 - 12/21/96:**Perf D sd 5069'-5077', 5080'-5086'****Swab test well, RIH w/ production string.****ON PRODUCTION 12/21/96**

14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron
Cheryl Cameron

Title Regulatory Compliance SpecialistDate 12/31/96

(This space of Federal or State office use.)

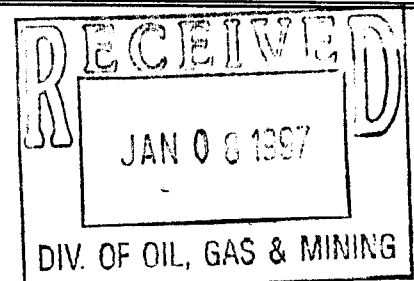
Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 790233 Vernal, Utah 74079 (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface NW/SE

At top prod. interval reported below 1973' FSL & 1992' FEL

At total depth

43.013-31668

14. PERMIT NO. UT080-6M-140
DATE ISSUED 10/28/96

5. LEASE DESIGNATION AND SERIAL NO.

U-34346

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Monument Butte Fed NE

9. WELL NO.

#10-26

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 26, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED 11/7/96 16. DATE T.D. REACHED 11/24/96 17. DATE COMPL. (Ready to prod.) 12/21/96 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 5496' GR 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 6250' 21. PLUG, BACK T.D., MD & TVD 6205' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY X ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River
5834'-5839', 5852'-5854', 5892'-5899', 6019'-6021', 5244'-5252', 5069'-5077', 5080'-5086', 5069'-5077', 5080'-5086'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, CNL, DLL 1-16-97

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	293.70' GL	12 1/2	120 sx prem + w/ 2% CaCl ₂	2% gel + 1#/sk flocele
5 1/2	15.5#	6249' KB	7 7/8	340 sx Hibond & 360 sx Th	no w/ 10% CalSeal

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

LDC 5834'-5839', 5852'-5854', 5892'-5899'
CP 6019'-6021'
C 5244'-5252'
D 5069'-5077', 5080'-5086'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Back	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/21/96		Pumping - 2½" X 1½" X 12' X 16' RHAC pump				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	12/96	N/A	→	210	198	12	.943
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	RECEIVED				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

35. LIST OF ATTACHMENTS

Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Cheryl Cameron

TITLE

Regulatory, GAS & MINING
Compliance Specialist

DATE 1/10/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4365'		#32.			
Point 3 Mkr	4640'		Perf LDC sd @ 5834'-5839', 5852'-5854'			
X Mkr	4879'		5892'-5899'			
Y Mkr	4911'		CP sd @ 6019'-6021'			
Douglas Ck Mkr	5031'		Frac w/ 119,500# 20/40 sd in 661 bbls boragel			
Bicarbonate Mkr	5289'					
B Limestone Mkr	5419'		Perf C sd @ 5244'-5252'			
Castle Peak	5945'		Frac w/ 98,700# 20/40 sd in 519 bbls boragel			
Basal Carbonate	NDE		Perf D sd @ 5069'-5077', 5080'-5086'			
			Frac w/ 109,100# 20/40 sd in 551 bbls boragel			

ENTITY ACTION FORM - FORM 6

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12187	43-013-31608	***SEE ATTACHED***							6-1-97
WELL 1 COMMENTS: *HAWKEYE (GREEN RIVER) UNIT EFFECTIVE 6-1-97; OPERATOR REQUESTS A COMMON ENTITY NUMBER FOR REPORTING PURPOSES.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

8-21-97

Title

Date

Phone No. ()

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 9 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KEBBIE JONES
 INLAND PRODUCTION COMPANY
 PO BOX 1446
 ROOSEVELT UT 84066

UTAH ACCOUNT NUMBER: N5160REPORT PERIOD (MONTH/YEAR): 7 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT BUTTE FEDERAL NE 13-24								
4301331653	11984	08S 16E 24	GRRV					
BOUNDARY FEDERAL 6-20								
4301331626	11991	08S 17E 20	GRRV					
CASTLE PEAK UNIT #1								
4301315781	11992	09S 15E 24	GRRV					
ASHLEY FEDERAL 12-24R (RE-ENTRY)								
4301315782	11993	09S 15E 24	GRRV					
TAR SANDS FEDERAL 1-31								
4301331654	12012	08S 17E 31	GRRV					
MONUMENT BUTTE STATE 10-2								
4301331565	12013	09S 16E 2	GRRV					
BOUNDARY 7-21								
4301331640	12025	08S 17E 21	GRRV					
MONUMENT BUTTE FEDERAL 13-27								
4301331611	12026	08S 16E 27	GRRV					
MONUMENT BUTTE FEDERAL 4-34 (1)								
4301331669	12027	08S 16E 34	GRRV					
MONUMENT BUTTE FEDERAL NE 10-26								
4301331668	12033	08S 16E 26	GRRV					
MONUMENT BUTTE FEDERAL NE 9-26								
4301331667	12034	08S 16E 26	GRRV					
MONUMENT BUTTE FEDERAL NE 14-26								
4301331703	12035	08S 16E 26	GRRV					
TAR SANDS FEDERAL 11-30								
4301331732	12041	08S 17E 30	GRRV					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

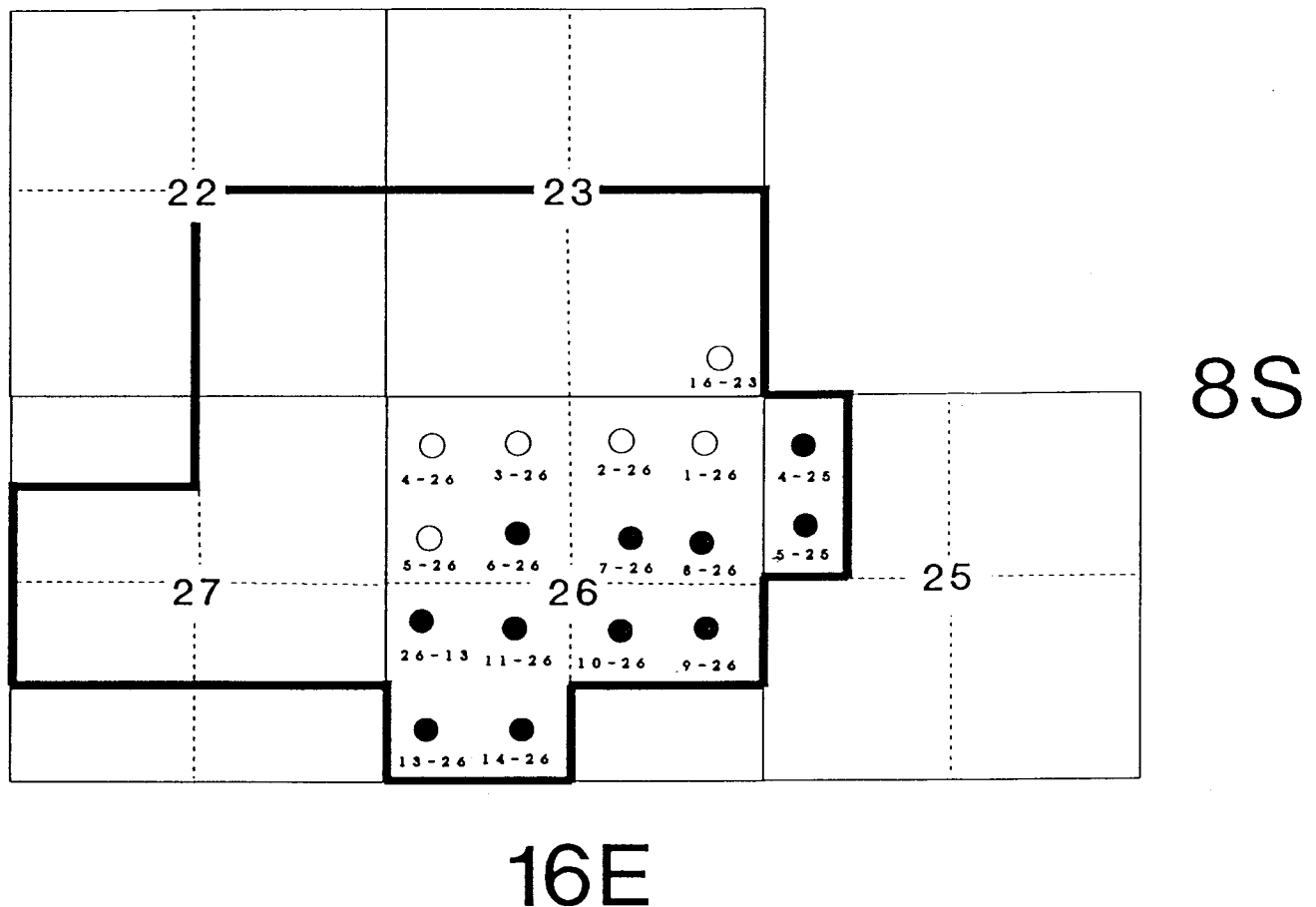
Name and Signature: _____

Telephone Number: _____

● HAWKEYE (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: JUNE 1, 1997



— UNIT OUTLINE (UTU76331X)

1,520.00 ACRES

SECONDARY ALLOCATION	
FEDERAL	100%

Entity
12/87

**INLAND PRODUCTION COMPANY HAWKEYE UNIT
UNIT AGREEMENT #UTU76331X - EFFECTIVE JUNE 1, 1997**

WELL NAME & NUMBER	LEASE NUMBER	STATUS	REMARKS
M.B.F. #9-22	U-73088		
M.B.F. #10-22	U-73088		
M.B.F. #15-22	U-73088		
M.B.F. #16-22	U-73088		
M.B.F. #9-23	U-34346		
M.B.F. #10-23	U-34346		
M.B.F. #11-23	U-73088		
M.B.F. #12-23	U-73088		
M.B.F. #13-23	U-73088		
M.B.F. #14-23	U-73088		
M.B.F. #15-23	U-34346		
M.B.F. #16-23 43-013-31474	U-34346	Producing	On production 5/23/97
M.B.F. #4-25 43-013-31639	U-34346	Producing	On production 8/14/96
M.B.F. #5-25 43-013-31638	U-34346	Producing	On production 7/23/96
M.B.F. #1-26 43-013-31767	U-73088	Producing	On production 5/9/97
M.B.F. #2-26 43-013-31768	U-73088	Producing	On production 5/31/97
M.B.F. #3-26 43-013-31769	U-73088		Spud Surface on 3/27/97
M.B.F. #4-26 43-013-31762	U-73088		Spud Surface on 6/16/97
M.B.F. #5-26 43-013-31802	U-73088	Producing	On production 5/23/97
M.B.F. #6-26 43-013-31770	U-73088	Producing	On production 5/1/97
M.B.F. #7-26 43-013-31754	U-73088	Producing	On production 4/10/97
M.B.F. #8-26 43-013-31744	U-73088	Producing	On production 3/22/97
M.B.F. #9-26 43-013-31667	U-34346	Producing	On production 12/20/96
M.B.F. #10-26 43-013-31668	U-34346	Producing	On production 12/21/96
M.B.F. #11-26 43-013-31673	U-34346	Producing	On production 4/5/97
BOOLWEEVIL #26-13 43-013-30770	U-34346	Producing	We took this well over from Balcron
M.B.F. #13-26 43-013-31512	U-34346	Producing	On production 5/16/97
M.B.F. #14-26 43-013-31703	U-34346	Producing	On production 1/10/97
M.B.F. #1-27	U-73088		
M.B.F. #2-27	U-73088		
M.B.F. #5-27	U-73088		
M.B.F. #6-27	U-73088		
M.B.F. #7-27	U-73088		
M.B.F. #8-27	U-73088		
M.B.F. #9-27	U-73088		
M.B.F. #10-27	U-73088		
M.B.F. #11-27	U-73088		
M.B.F. #12-27	U-73088		

Spud report & entity form on the way. No entity chg. at this time.

* All wells w/o API numbers have either not been approved or have not spud.

**MEMORANDUM**

TO: Lisha Romero
FROM: Kebbie Jones
DATE: August 20, 1997

I am faxing to you the listing for the wells in the Hawkeye Unit. This unit was effective June 1, 1997. I would like to assign one entity number per unit, like we have done for Inland's other units. Would you please assign this entity number and then let me know. I have already done my reports for June, would you please check with Vicky and let me know if I need to do amended reports for June under the new entity number or if I can start production & disposition reports for July with the new entity number.

Thanks for all your help.

Faxing 2 Pages

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-34346

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HAWKEYE

8. Well Name and No.

MONUMENT BUTTE FEDERAL NE 10- 26

9. API Well No.

43-013-31668

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1973 FSL 1992 FEL NW/SE Section 26, T08S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

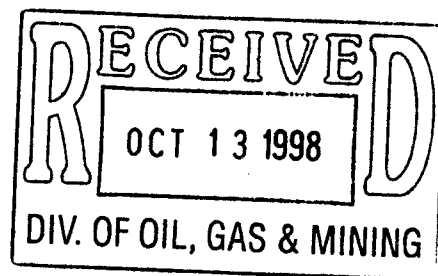
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lebbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

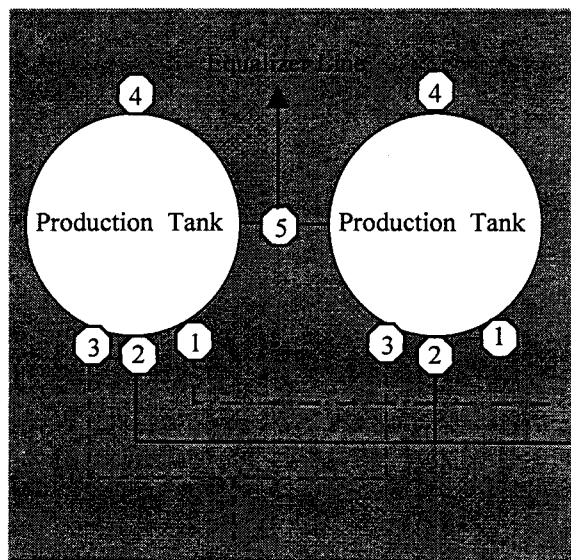
Inland Production Company Site Facility Diagram

Monument Butte 10-26

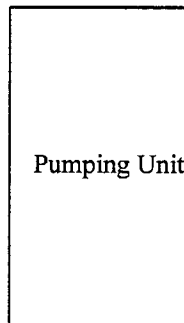
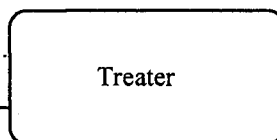
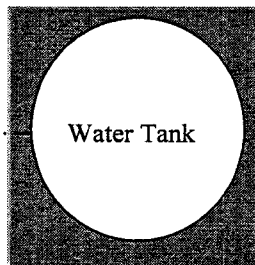
NW/SE Sec. 26, T8S, 16E

Duchesne County

Sept. 17, 1998



Diked Section
↑
Contained Section →



Well Head

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	-----
Water Line	- - - - -
Oil Line	_____
Gas Sales	- . - . -

Gas Sales Meter



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****HAWKEYE (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOLL WEEVIL FED 26-13	26	080S	160E	4301330770	12187	Federal	OW	S
MONUMENT BUTTE FED NE 16-23	23	080S	160E	4301331474	12187	Federal	OW	P
MON BUTTE FED NE 13-26	26	080S	160E	4301331512	12187	Federal	WI	A
MON BUTTE FED NE 5-25	25	080S	160E	4301331638	12187	Federal	WI	A
MONUMENT BUTTE FED NE 4-25	25	080S	160E	4301331639	12187	Federal	OW	P
MON BUTTE FED NE 9-26	26	080S	160E	4301331667	12187	Federal	WI	A
MONUMENT BUTTE FED NE 10-26	26	080S	160E	4301331668	12187	Federal	OW	P
MON BUTTE FED NE 11-26	26	080S	160E	4301331673	12187	Federal	WI	A
MON BUTTE FED NE 14-26	26	080S	160E	4301331703	12187	Federal	OW	S
MONUMENT BUTTE FED NE 8-26	26	080S	160E	4301331744	12187	Federal	OW	P
MON BUTTE FED NE 7-26	26	080S	160E	4301331754	12187	Federal	WI	A
MBF NE 1-26	26	080S	160E	4301331767	12187	Federal	WI	A
MBF NE 2-26	26	080S	160E	4301331768	12187	Federal	OW	P
MBF NE 3-26	26	080S	160E	4301331769	12187	Federal	WI	A
MBF NE 6-26	26	080S	160E	4301331770	12187	Federal	OW	P
MBFNE 15-23	23	080S	160E	4301331801	12187	Federal	WI	A
N MON BUTTE FED 5-26	26	080S	160E	4301331802	12187	Federal	WI	A
MONUMENT BUTTE FED 4-26	26	080S	160E	4301331902	12187	Federal	OW	P
N MON BUTTE FED 9-27	27	080S	160E	4301331904	12187	Federal	WI	A
HAWKEYE 9-23	23	080S	160E	4301331984	12187	Federal	WI	A
HAWKEYE 10-23	23	080S	160E	4301331985	12187	Federal	OW	P
HAWKEYE 14-23	23	080S	160E	4301331986	12187	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



March 2, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Butte Federal #10-26-8-16
Monument Butte Field, Lease #U-34346
Section 26-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

MAR 08 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT BUTTE FEDERAL ^{NE} #10-26-8-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #U-34346

March 2, 2010

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #10-26-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – HAWKEYE #G-26-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #7-26
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #2-26-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – HAWKEYE FEDERAL #I-26-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #H-26-8-16
ATTACHMENT E-6	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #12-25-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #6-26-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #8-26-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #M-26-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – HAWKEYE FEDERAL #L-26-8-16
ATTACHMENT E-11	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #11-26-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #9-26
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE 14-26-8-16
ATTACHMENT E-14	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #15-26-8-16
ATTACHMENT E-15	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #16-26-8-16
ATTACHMENT E-16	WELLBORE DIAGRAM – BOLL WEEVIL FEDERAL #26-13-8-16
ATTACHMENT E-17	WELLBORE DIAGRAM – FEDERAL #2A-35-8-17
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 12/10/96 – 12/22/96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #10-26-8-16
Field or Unit name: Monument Butte (Green River) Lease No. U-34346
Well Location: QQ NWSE section 26 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
 Disposal? Yes ☐ No ☒
 Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒


Date of test: _____
API number: 43-013-31668

Proposed injection interval: from 4365 to 6253
Proposed maximum injection: rate 500 bpd pressure 2062 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 3/4/10
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

Proposed Injection Wellbore Diagram

Cement top @ 756'

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LDC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bbls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.
07/09/03 Parted Rods. Update rod detail.
03/01/05 Pump change. Updated rod detail.

Packer @ 5027'
5069'-5077'
5080'-5086'
5244'-5252'

5834'-5839'
5852'-5854'
5892'-5899'
6019'-6021'

Top of fill @ 6015'
PBTB @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

Date	Interval	Tool	Holes
12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL

NWSE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31668; Lease #U-34346

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Federal #10-26-8-16 well, the proposed injection zone is from Garden Gulch to TD (4365' - 6253'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 4038' and the TD is at 6253'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal #10-26-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 **A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 **A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 **An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 **Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 **Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-34346) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 294' KB, and 5-1/2", 15.5# casing run from surface to 6253' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2062 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Butte Federal #10-26-8-16, for existing perforations (5069' - 6021') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2062 psig. We may add additional perforations between 4038' and 6253'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Butte Federal #10-26-8-16, the proposed injection zone (4365' - 6253') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-17.

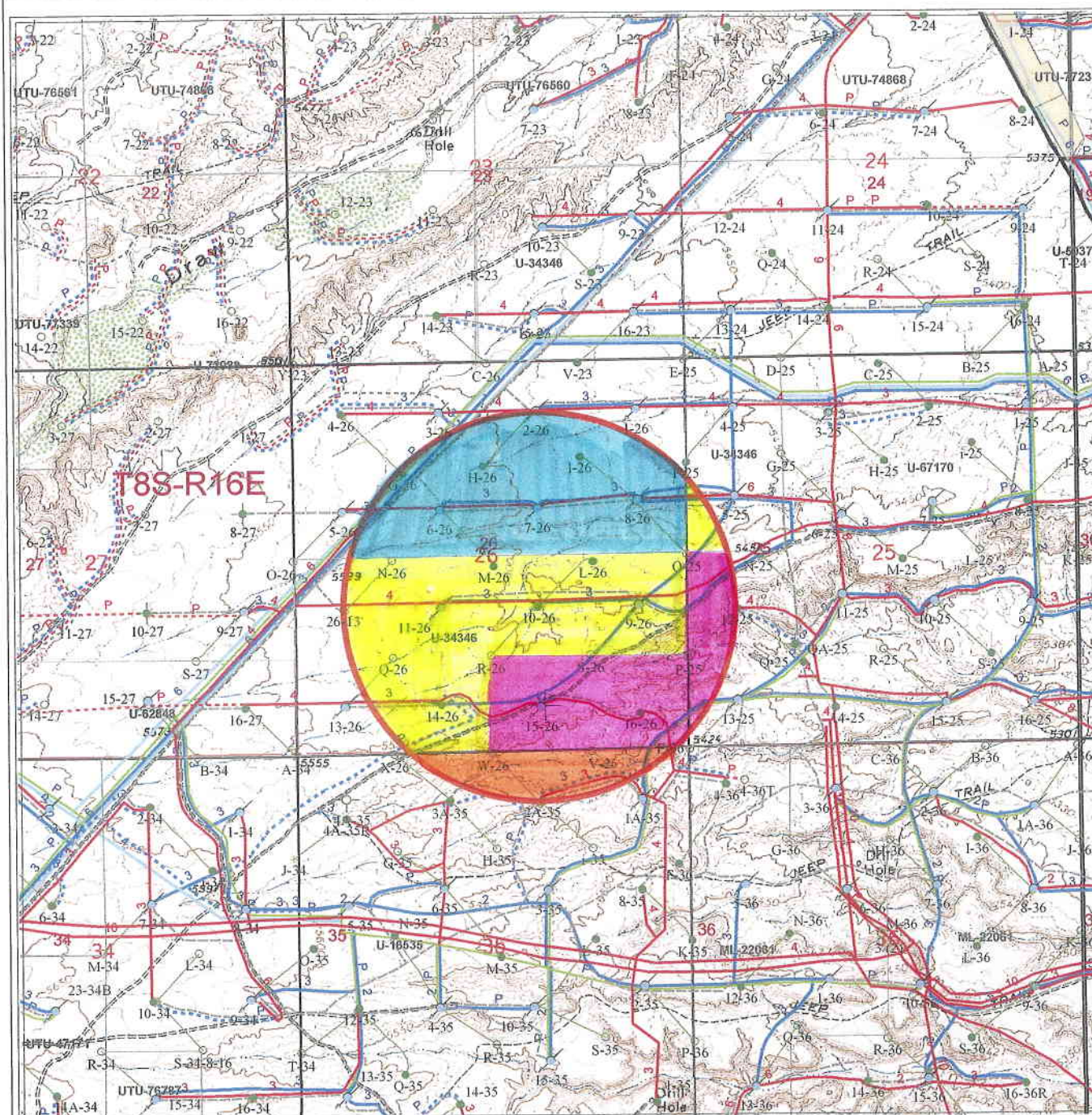
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊙ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- ▭ Leases
 - ▭ Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - ▭ 10-26-8-16 1/2mile radius

U-3434U
U-73088
U-10535
U-67170

Attachment A

Monument Butte Fed NE 10-26
Section 26, T8S-R16E

NEWFIELD



1/2 Mile Radius Map

Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

December 21, 2009

T8S, R16E, S.L.B.&M.

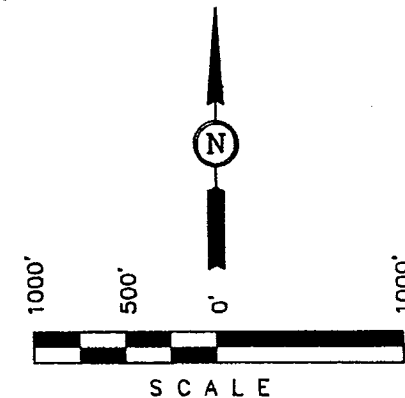
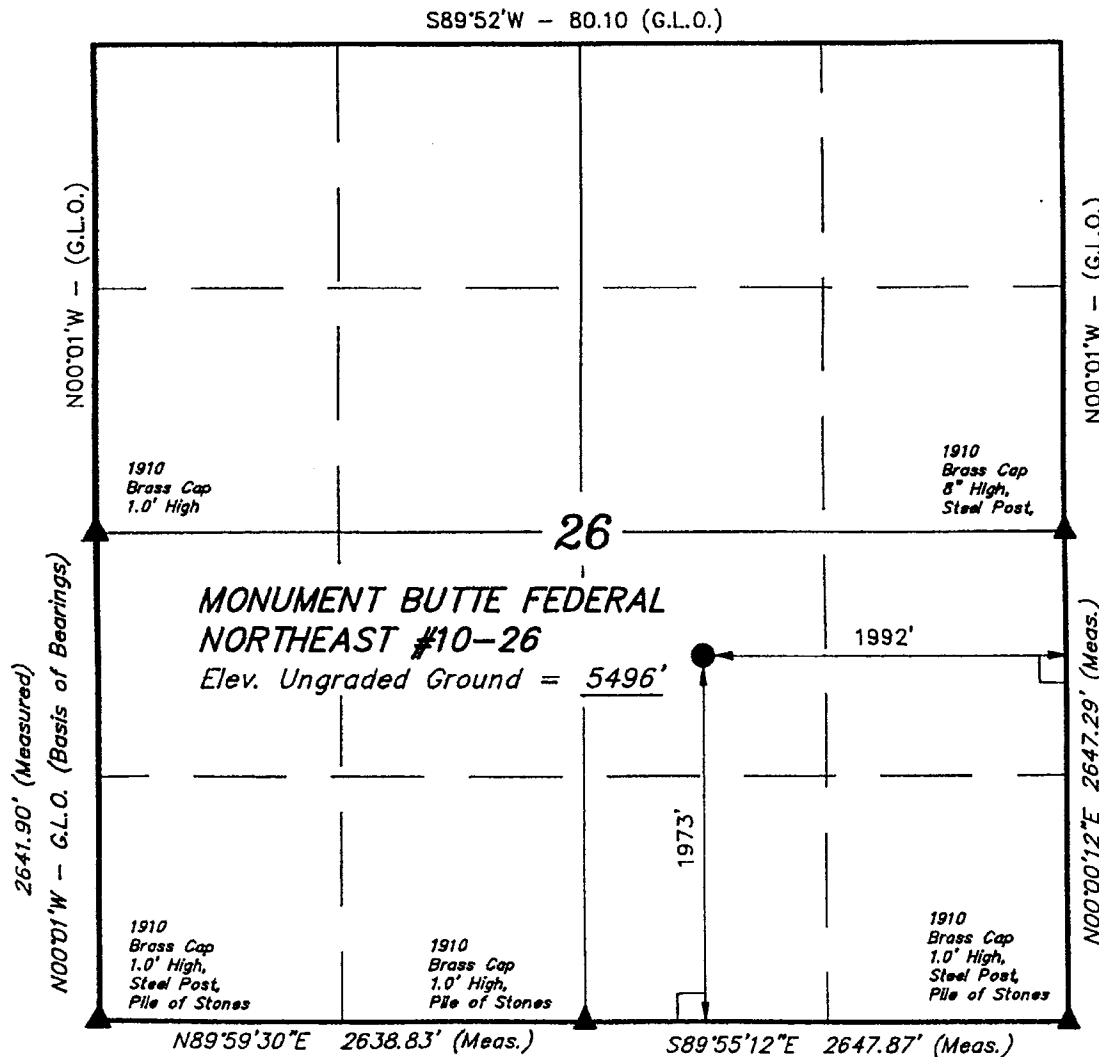
INLAND PRODUCTION CO.

Well location, MONUMENT BUTTE FEDERAL
NORTHEAST #10-26, located as shown in
the NW 1/4 SE 1/4 of Section 26, T8S,
R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION
26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5555 FEET.

Attachment A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-15-96	DATE DRAWN: 5-17-96
PARTY J.F. D.G. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO	

EXHIBIT B

Page 1 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 23: SE Section 25: W2NW Section 26: SW, N2SE	U-34346 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Citation 1994 Investment LP 8223 Willow Place #250 Houston, TX 77070	(Surface Rights) USA
2.	<u>Township 8 South, Range 16 East</u> Section 22: SE Section 23: SW Section 26: N2 Section 27: NE, S2NW, N2S2	U-73088 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 8 South, Range 16 East</u> Section 35: ALL Section 34: NE, N2SE, SESE	U-16535 HBP	Newfield Production Company 1001 17 th St Suite 2000 Denver, Co 80202 AGK Energy LLC. 624 Wellesley Dr. Houston, TX 77024	(Surface Rights) USA

EXHIBIT B

Page 2

of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
---	------------------	---------------------------------	-----------------------	----------------

Raymond H. Brennan
 104 Lee Lane
 Bellville, TX 77418
 Marian Brennan
 104 Lee Lane
 Bellville, TX 77418
 Davis Bros LLC
 Davis Resources
 110 West 7th St. Suite 1000
 Tulsa, OK 74119
 Deer Valley Ltd
 800 Bering Drive #305
 Houston TX 77057
 International Drilling Inc
 7710-T Cherry Park PMB 503
 Houston, TX 77095
 Thomas I Jackson
 7710-T Cherry Park PMB 503
 Houston, TX 77095

EXHIBIT B

Page 3 of 3

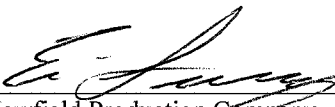
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Beverly Sommer 1025 Crescent Drive Beverly Hills, CA 90210 Texas General Offshore 7710-T Cherry Park PMB 503 Houston, TX 77095 Jasper Warren 17350 State Highway 249 Suite 140 Houston, TX 77064-1140	
4.	<u>Township 8 South, Range 16 East</u> Section 24: S2 Section 25: NE, E2NW, S2 Section 26: S2SE	U-67170 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Butte Federal #10-26-8-16

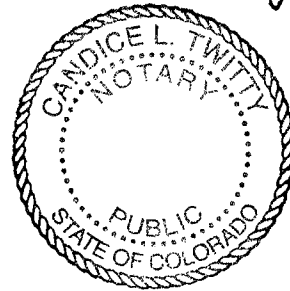
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 4th day of March, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 2-6' x 7/8" pony rod, 100 - 7/8" scraped rods, 94 - 3/4" plain rods, 34 - 3/4" scraped rods, 6-1 1/2" weighted rods
PUMP SIZE: 2 1/2" x 1 3/4" x 16" RHAC pump
STROKE LENGTH: 78"
PUMP SPEED, SPM: 7 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LODC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.

07/09/03 Parted Rods. Update rod detail.

03/01/05 Pump change. Updated rod detail.

Cement top @ 756'

SN @ 5887'

5069'-5077'
5080'-5086'
5244'-5252'

Anchor @ 5822'
5834'-5839'
5852'-5854'
5892'-5899'
EOT @ 5919'
6019'-6021'

Top of fill @ 6015'
PBTD @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

Hawkeye G-26-8-16

Spud Date: 2/27/2009
Put on Production: 9/29/2009
GL: 5526' KB: 5538'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (')
DEPTH LANDED: 337' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts (6581.26')
DEPTH LANDED: 6639.62'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sx Prem Lite II and 480 sx 50/50 poz
CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 201 jts (6378")
TUBING ANCHOR: 6390' KB
NO. OF JOINTS: 2 jts (63.2")
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6456' KB
NO. OF JOINTS: 1 jt (31.1')
TOTAL STRING LENGTH: EOT @ 6489'

SUCKER RODS

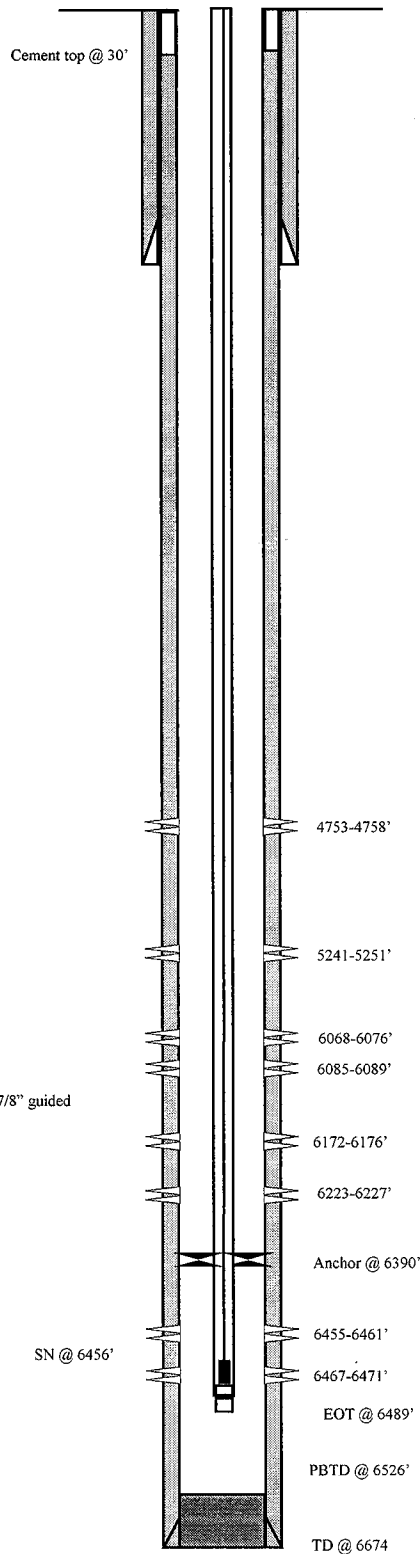
POLISHED ROD: 1 1/2" x 30'
SUCKER RODS: 1 - 8' x 7/8", 2 - 8' x 7/8" pony rods; 253 - 7/8" guided rods; 4 - 1 1/2" weight bars..
PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC
STROKE LENGTH: 144"
PUMP SPEED, SPM: 5

FRAC JOB

9/30/2009 6455-6471' Frac CP5 sands as follows: Frac with 71119# 20/40 sand in 306 bbls of Lightning 17 fluid.
9/30/2009 6172-6227' Frac CP1 and CP2 sands as follows: Frac with 30607# 20/40 sand in 179 bbls of Lightning 17 fluid.
9/30/2009 6068-6089' Frac LODC sands as follows: Frac with 76814# 20/40 sand in 325 bbls of Lightning 17 fluid..
9/30/2009 5241-5251' Frac D1 sands as follows: Frac with 70922# 20/40 sand in 297 bbls of Lightning 17 fluid.
9/30/2009 4753-4758' Frac GB6 sands as follows: Frac with 16084# 20/40 sand in 104 bbls of Lightning 17 fluid.

PERFORATION RECORD

6467-6471'	3 JSPF	12 holes
6455-6461'	3 JSPF	18 holes
6223-6227'	3 JSPF	12 holes
6172-6176'	3 JSPF	12 holes
6085-6089'	3 JSPF	12 holes
6068-6076'	3 JSPF	24 holes
5241-5251'	3 JSPF	30 holes
4753-4758'	3 JSPF	15 holes

**Hawkeye G-26-8-16**

SL: 673' FNL & 679' FWL (NW/NW)
BHL: 1322' FNL & 1321' FWL (NW/NW)
Section 26, T8S, R16E
Duchesne Co, Utah
API # 43-013-33759; Lease # UTU-73088

Spud Date: 3/22/97
 Put on Production: 4/10/97
 Put on Injection: 3/18/98
 GL: 5493' KB: 5506'

Monument Butte Fed. NE 7-26

Initial Production: 159 BOPD,
 189 MCFPD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 291.93' (7 jts.)
 DEPTH LANDED: 290.43' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 100 sxs Premium cmt.

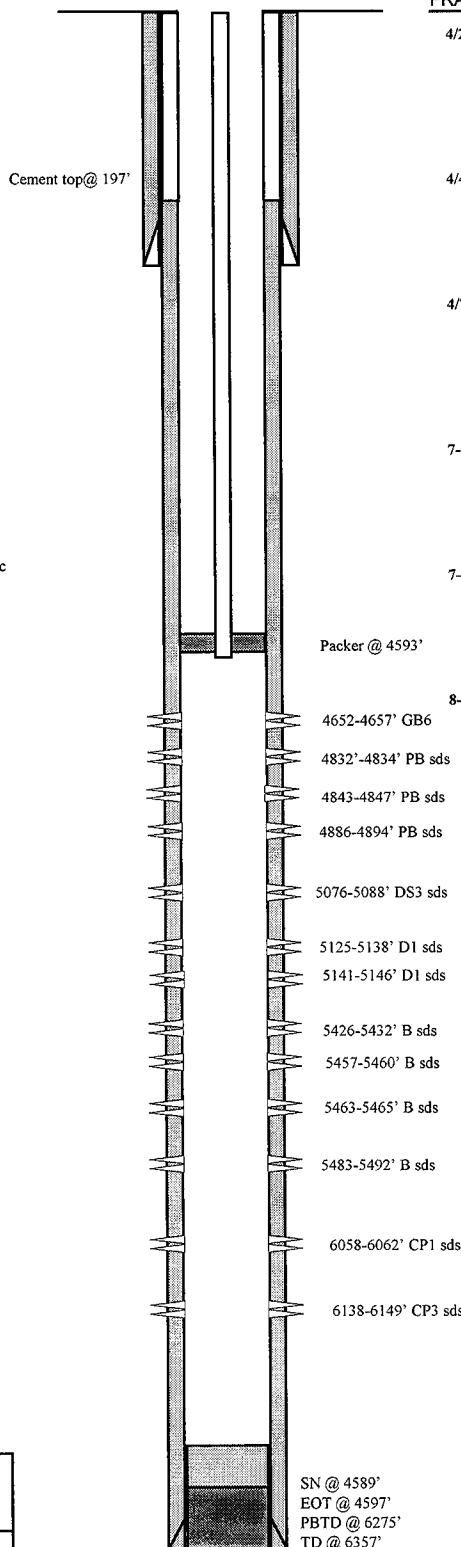
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6350.25')
 DEPTH LANDED: 6348'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 385 sk Hibond mixed & 395 sxs thixotropic
 CEMENT TOP AT: 197' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 147 jts 4575.68' KB
 SEATING NIPPLE: 4588.68' KB
 PACKER: Set @ 4593.03' KB
 TOTAL STRING LENGTH: EOT @ 4597.35' KB

Injection Wellbore Diagram



FRAC JOB

4/2/97 5426'-5492' **Frac B-1 & B-2 sands as follows:**
 97,200# of 20/40 sand in 497 bbls of Boragel. Perfs broke @ 3446 psi. Treated @ avg rate of 26.5 bpm w/avg press of 1950 psi. ISIP-2090 psi, 5-min 1936 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

4/4/97 5125'-5146' **Frac D-1 sand as follows:**
 101,300# of 20/40 sand in 495 bbls of Boragel. Perfs broke @ 2006 psi. Treated @ avg rate of 25 bpm w/avg press of 1820 psi. ISIP-2280, 5-min 2201. Flowback on 12/64" ck for 2-1/2 hours and died.

4/7/97 4832'-4894' **Frac PB-10 & PB-11 sands as follows:**
 91,500# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 2138 psi. Treated at avg rate of 24.5 bpm w/avg press of 2400 psi. ISIP-2739 psi, 5-min 2548 psi. Flowback on 12/64" ck for 5 hours and died.

7-29-05 6058-6149' **Recompletion Frac CP3 & CP1 sands as follows:** 19,078#s of 20/40 sand in 197 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3974 psi. with avg rate of 14 bpm. ISIP-2200 psi, Calc. flush 1566 gals. Actual flush 1428 gals.

7-29-05 4652-4657' **Recompletion Frac GB6 sands as follows:** 15,181#s of 20/40 sand in 157 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3482 psi. with avg rate of 14.1 bpm. ISIP-2100 psi, Calc. flush 1266 gals. Actual flush 1134 gals.

8-17-05 **MIT completed.**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
4/1/97	5426'-5432'	4 JSPF	24 holes
4/1/97	5457'-5460'	4 JSPF	12 holes
4/1/97	5463'-5465'	4 JSPF	8 holes
4/1/97	5483'-5492'	4 JSPF	36 holes
4/3/97	5125'-5138'	4 JSPF	52 holes
4/3/97	5141'-5146'	4 JSPF	20 holes
4/5/97	4832'-4834'	4 JSPF	8 holes
4/5/97	4843'-4847'	4 JSPF	16 holes
4/5/97	4886'-4894'	4 JSPF	32 holes
7-28-05	6058-6062'	4 JSPF	16 holes
7-28-05	6138-6149'	4 JSPF	44 holes
7-28-05	5076-5088'	4 JSPF	48 holes
7-28-05	4652-4657'	4 JSPF	20 holes

NEWFIELD

Monument Butte Federal NE #7-26
 1984 FEL & 1984 FNL
 SWNE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31754; Lease #U-73088

Monument Butte Federal NE #2-26-8-16

Spud Date: 4/25/97
 Put on Production: 5/31/97
 GL: 5489' KB: 5502'

Initial Production: 44 BOPD,
 95 MCFPD, 26 BWPD

SURFACE CASING

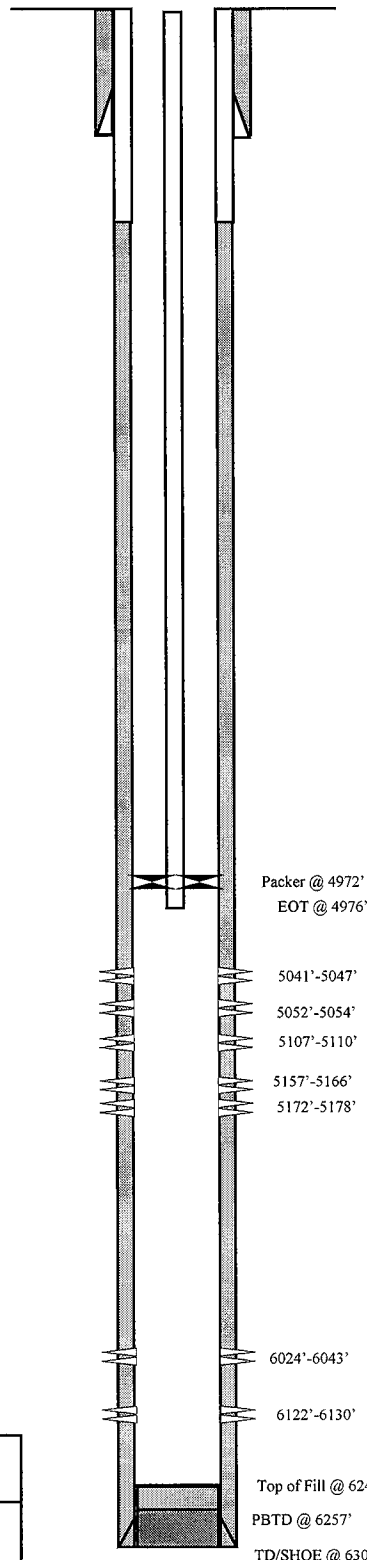
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (291.19')
 DEPTH LANDED: 289.25' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, w/16 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6263.59')
 DEPTH LANDED: 6301.84'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sk Hibond mixed & 405 sxs thixotropic
 CEMENT TOP AT: 785' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 159 jts. (4955.91')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4967.91'
 TOTAL STRING LENGTH: 4976.41'

Injection Wellbore
Diagram**FRAC JOB**

5/21/97 6024'-6130' **Frac LODC & CP-1 sands as follows:**
 150,100# of 20/40 sand in 745 bbls of Boragel. Perfs broke @ 339 psi. Treated @ avg rate of 35.5 bpm w/avg press of 2450 psi. ISIP-3491 psi, 5-min 2538 psi. Flowback on 12/64" ck for 5 hours and died.

5/23/97 5157'-5178' **Frac D-1 sand as follows:**
 117,500# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 1871 psi. Treated @ avg rate of 28.5 bpm w/avg press of 1500 psi. ISIP-1982 psi, 5-min 1670 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/27/97 5041'-5110' **Frac D-S1 & D-S3 sands as follows:**
 53,000# of 20/40 sand in 278 bbls of Boragel. Perfs broke @ 2309 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Screened out w/10 # sand in perfs, 536 gal left to flush. ISIP- 3875 psi, 5-min 2826 psi. Flowback on 12/64" ck for 2 hours and died.

03/12/02 Tubing leak. Update rod and tubing details.
 12/09/02 Tubing leak. Update rod and tubing details.
 06/04/04 Stuck Plunger. Update rod details
 03/17/05 Tubing leak. Update tubing and rod detail
 08/14/06 Tubing Leak. Update rod and tubing details.
 1/22/08 **Well converted to an Injection well.**
 2/11/08 **MIT completed and submitted.**

PERFORATION RECORD

5/20/97	6122'-6130'	4 JSPF	32 holes
5/20/97	6024'-6043'	4 JSPF	76 holes
5/22/97	5172'-5178'	4 JSPF	24 holes
5/22/97	5157'-5166'	4 JSPF	36holes
5/24/97	5107'-5110'	4 JSPF	12 holes
5/24/97	5052'-5054'	4 JSPF	8 holes
5/24/97	5041'-5047'	4 JSPF	24 holes

**Monument Butte Federal NE #2-26-8-16**

660 FNL & 1980 FEL
 NW/NE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31768; Lease #UTU-73088

HAWKEYE FEDERAL I-26-8-16

Spud Date: 05/11/07
Put on Production: 07/12/07
GL: 5474' KB: 5486'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (314-06')
DEPTH LANDED: 324.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6702.17')
DEPTH LANDED: 6700.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 204 jts (6389.14')
TUBING ANCHOR: 6401.14' KB
NO. OF JOINTS: 2 jts (63.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6467.09' KB
NO. OF JOINTS: 2 jts (63.28')
TOTAL STRING LENGTH: EOT @ 6531.92' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2' x 7/8" polished rods, 254-7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 2" x 24' x 24' RHAC
STROKE LENGTH: 168"
PUMP SPEED, 5 SPM:

FRAC JOB

07/06/07 6418-6464' **Frac CP5&BS sands as follows:**
70406# 20/40 sand in 700 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 25.4 BPM. ISIP 2365 psi. Calc flush: 6416 gal. Actual flush: 5897 gal.

07/06/07 6260-6333' **Frac CP3&4 sands as follows:**
70451# 20/40 sand in 629 bbls Lightning 17 frac fluid. Treated @ avg press of 2207 psi w/avg rate of 25.7 BPM. ISIP 2404 psi. Calc flush: 6258 gal. Actual flush: 5670 gal.

07/06/07 5550-5558' **Frac B2 sands as follows:**
40136# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 1822 psi w/avg rate of 25.9 BPM. ISIP 2190 psi. Calc flush: 5548 gal. Actual flush: 5040 gal.

07/06/07 5382-5394' **Frac C sands as follows:**
50193# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 1691 psi w/avg rate of 25.9 BPM. ISIP 1775 psi. Calc flush: 5380 gal. Actual flush: 4876 gal.

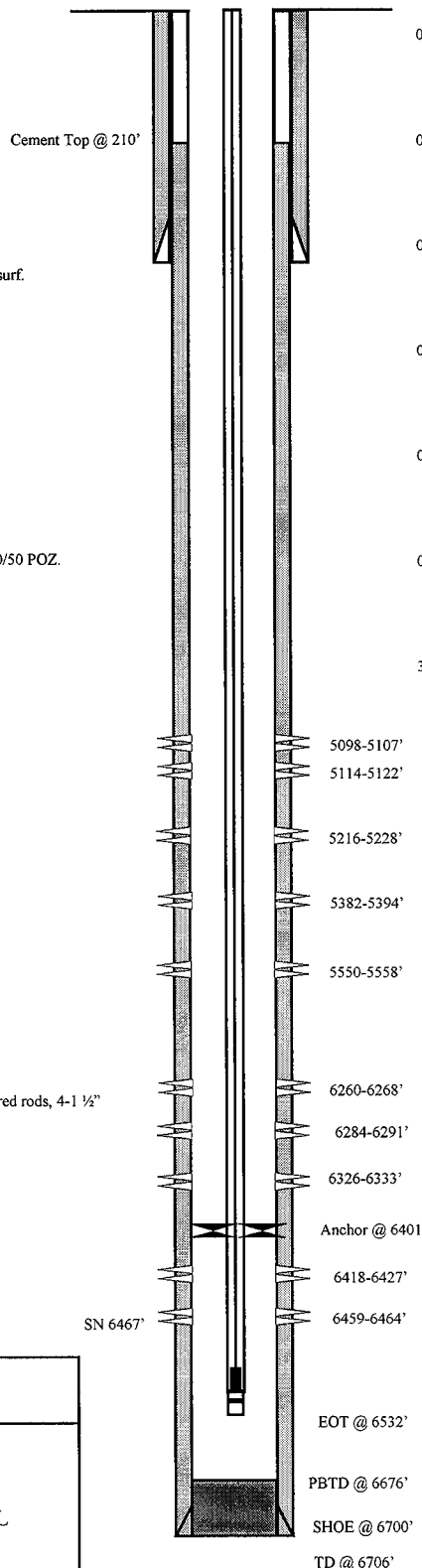
07/06/07 5216-5228' **Frac D1 sands as follows:**
80008# 20/40 sand in 649 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 25.8 BPM. ISIP 2008 psi. Calc flush: 5214 gal. Actual flush: 4700 gal.

07/07/07 5098-5122' **Frac DS1 sands as follows:**
63558# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 25.6 BPM. ISIP 2008 psi. Calc flush: 5096 gal. Actual flush: 5052 gal.

3/17/09 Unit Upgrade.

PERFORATION RECORD

07/06/07	6459-6464'	4 JSPF	20 holes
07/06/07	6418-6427'	4 JSPF	36 holes
07/06/07	6326-6333'	4 JSPF	28 holes
07/06/07	6284-6291'	4 JSPF	28 holes
07/06/07	6260-6268'	4 JSPF	32 holes
07/06/07	5550-5558'	4 JSPF	32 holes
07/06/07	5382-5394'	4 JSPF	48 holes
07/06/07	5216-5228'	4 JSPF	48 holes
07/06/07	5114-5122'	4 JSPF	32 holes
07/06/07	5098-5107'	4 JSPF	36 holes

**HAWKEYE FEDERAL I-26-8-16**

At Surface: 1911' FNL & 668' FEL

At Producing Zone: 1324' FNL & 1323' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-33264; Lease # UTU-73088

Federal H-26-8-16

Spud Date: 3-8-07
Put on Production: 5-10-07
GL: 5489' KB: 5501'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.11')
DEPTH LANDED: 324.96' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6698.57')
DEPTH LANDED: 6711.82' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 44'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 203 jts (6392.26')
TUBING ANCHOR: 6404.26' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6438.58' KB
NO. OF JOINTS: 2 jts (63.15')
TOTAL STRING LENGTH: EOT @ 6503.28' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8", 6', 2' X 7/8" pony rods, 252- 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC w/SM plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

05-03-07 6439-6454' **Frac CP5 sands as follows:**
70354# 20/40 sand in 577 bbls Lightning 17 frac fluid. Treated @ avg press of 2211 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc flush: 6437 gal. Actual flush: 5964 gal.

05-03-07 6155-6170' **Frac CP1 sands as follows:**
75935# 20/40 sand in 603 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25 BPM. ISIP 2320 psi. Calc flush: 6153 gal. Actual flush: 5670 gal.

05-03-07 5575-5582' **Frac B2 sands as follows:**
20287# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 2263 psi w/avg rate of 25 BPM. ISIP 1947 psi. Calc flush: 5573 gal. Actual flush: 5124 gal.

05-03-07 5411-5434' **Frac C sands as follows:**
14999# 20/40 sand in 487 bbls Lightning 17 frac fluid. Treated @ avg press of 2067 w/ avg rate of 24.6 BPM. ISIP 2175 psi. Calc flush: 5046 gal. Actual flush: 4578 gal.

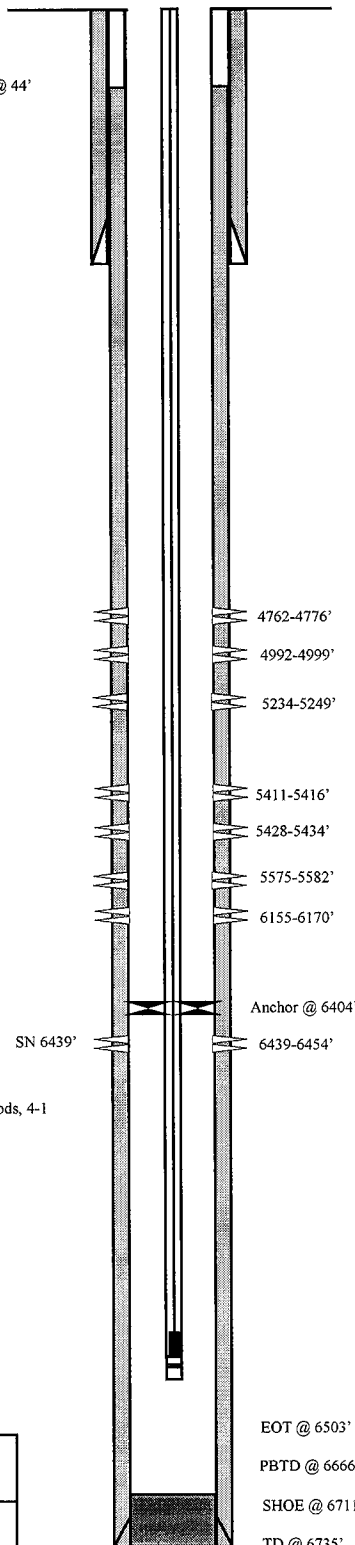
05-03-07 5234-5249' **Frac D1 sands as follows:**
65418# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2013 w/ avg rate of 25 BPM. ISIP 2144 psi. Calc flush: 4232 gal. Actual flush: 4788 gal.

05-03-07 4992-4999' **Frac PB10 sands as follows:**
14861# 20/40 sand in 252 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 w/ avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 4990 gal. Actual flush: 4536 gal

05-04-07 4762-4776' **Frac GB6 sands as follows:**
111279# 20/40 sand in 900 bbls Lightning 17 frac fluid. Treated @ avg press of 2516 w/ avg rate of 25 BPM. ISIP 3324 psi. Calc flush: 4760 gal. Actual flush: 4662 gal.

PERFORATION RECORD

04-26-07	6439-6454'	4 JSPF	60 holes
05-03-07	6155-6170'	4 JSPF	60 holes
05-03-07	5575-5582'	4 JSPF	28 holes
05-03-07	5428-5434'	4 JSPF	24 holes
05-03-07	5411-5416'	4 JSPF	20 holes
05-03-07	5234-5249'	4 JSPF	60 holes
05-03-07	4992-4999'	4 JSPF	28 holes
05-03-07	4762-4776'	4 JSPF	56 holes

**Federal H-26-8-16**

644' FNL & 1995' FEL

NW/NE Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33275; Lease # UTU-73088

Monument Butte Federal 12-25-8-16

Spud Date: 10/19/95
Put on Production: 12/15/1995
GL: 5442' KB: 5455'

Wellbore Diagram

IP: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305)
DEPTH LANDED: 301.97
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6188.91')
DEPTH LANDED: 6186.11'
HOLE SIZE: 7-7/8"
CEMENT DATA: 270 sx HiFill & 340 sx Thrixotropic
CEMENT TOP AT: 360'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5337.86')
TUBING ANCHOR: 5350.86'
NO. OF JOINTS: 3 jts (94.27')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5316.93'
NO. OF JOINTS: 2 jts (63.26')
TOTAL STRING LENGTH: EOT @ 5508.74'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
SUCKER RODS: 2', 4', 8', x 3/4" pony rods, 98-3/4" guided rods, 79-3/4" plain rods, 36-3/4" guided rods (top20 new), 4-1 1/2" K-bars.
PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 12.5' x 15.5' RHAC Axelson pump
STROKE LENGTH: 42"
PUMP SPEED, SPM: 4 SPM

FRAC JOBS

12/08/95 5380'-5418' **Frac B sands as follows:**
63,900# 20/40 sand in 511 bbls Boragel fluid. Treated @ avg pressure of 2100 psi with avg rate of 30 BPM. ISIP 2048 psi.

12/09/95 5221'-5239' **Frac C sands as follows:**
64,000# 20/40 sand in 500 bbls Bora gel. Treated @ avg pressure of 1700 psi with avg rate of 28.5 BPM. ISIP 2052 psi.

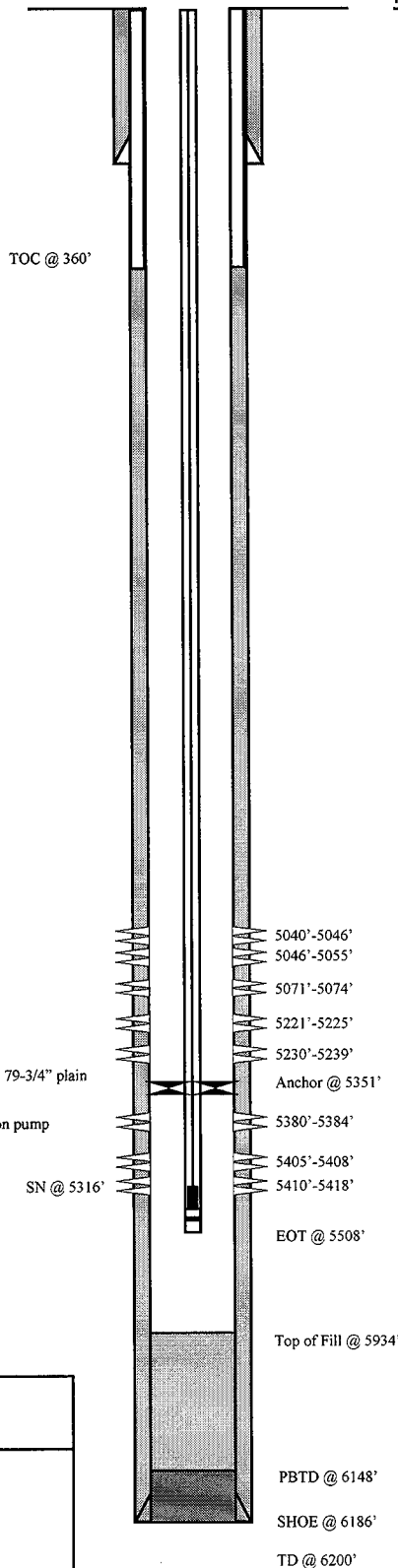
10/30/02 5380'-5418' **Refrac existing B2 sands and frac new B2 sands as follows:**
48,195# 20/40 sand in 376 bbls Viking I-25 fluid. Treated @ avg pressure of 3325 psi with avg rate of 16 BPM. ISIP-2080 psi.
Calc. flush: 1391gals Actual flush: 1302 gals

10/30/02 5040'-5074' **Refrac existing D1 sands and frac new D1 sands as follows:**
48,807# 20/40 sand in 410 bbls Viking I-25 fluid. Treated @ avg pressure of 2100 psi with avg rate of 21 BPM. ISIP-2350 psi.
Calc. flush: 5040 gals Actual flush: 4956 gals

9/9/03
7-15-05
Tubing leak. Update rod and tubing detail.
Pump change: Update rod and tubing detail

PERFORATION RECORD

12/07/95 5410'-5418' 4 JSPF 32 holes
12/07/95 5380'-5384' 4 JSPF 16 holes
12/09/95 5230'-5239' 4 JSPF 36 holes
12/09/95 5221'-5225' 4 JSPF 16 holes
12/12/95 5071'-5074' 4 JSPF 12 holes
12/12/95 5046'-5055' 4 JSPF 36 holes
10/29/02 5405'-5408' 4 JSPF 12 holes
10/29/02 5040'-5046' 4 JSPF 24 holes



NEWFIELD

Monument Butte Federal 12-25-8-16

670' FWL 1901' FSL
NW/SW Section 25-T8S-R16E
Duchesne Co, Utah
API #43-013-31554; Lease #UTU-67170

Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97
Put on Production: 5/1/97
GL: 5510' KB: 5523'

Initial Production: 178 BOPD,
192 MCFPD, 15 BWPD

SURFACE CASING

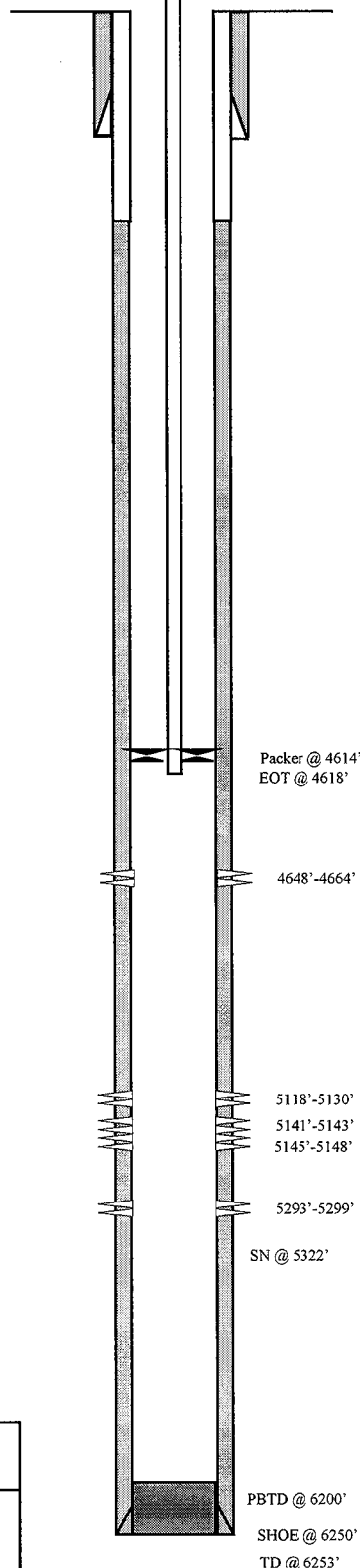
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 292.52' (7 jts.)
DEPTH LANDED: 290.25' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6210.98')
DEPTH LANDED: 6249.89'
HOLE SIZE: 7-7/8"
CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic
CEMENT TOP AT: 664' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 148 jts (4596.26')
TUBING ANCHOR: 4613.53'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 4617.75'
SN LANDED AT: 4609.26'

Injection Wellbore
DiagramFRAC JOB

4/21/97 5293'-5299' **Frac C sand as follows:**
2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sand, 2031 gal of 6-8 PPG of 20/40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand.
4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2/7 bpm w/1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' **Frac D-1 sand as follows:**
92,000# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/avg rate of 25.3 bpm. ISIP-2366, 5-min 2227 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' **Frac GB-6 sand as follows:**
89,400# of 20/40 sand in 456 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/avg press of 2200 psi. ISIP-2818 psi. 5-min 2774 psi. Flowback on 12/64" ck for 4 hours and died.

11/4/08 **Well converted to an Injection Well.**
11/14/08 **MIT completed and submitted.**

PERFORATION RECORD

4/19/97	5293'-5299'	4 JSPF	24 holes
4/24/97	5118'-5130'	4 JSPF	48 holes
4/24/97	5141'-5143'	4 JSPF	8 holes
4/24/97	5145'-5148'	4 JSPF	12 holes
4/26/97	4648'-4664'	4 JSPF	64 holes

NEWFIELD

Monument Butte Federal NE #6-26-8-16

1980 FNL 1980 FWL
SE/NW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31770; Lease #UTU-73088

Monument Butte Federal NE #8-26-8-16

Spud Date: 03/02/97
 Put on Production: 03/22/97
 GL: 5472' KB: 5485'

Initial Production: 80 BOPD,
 68 MCFPD, 12 BWPD

SURFACE CASING

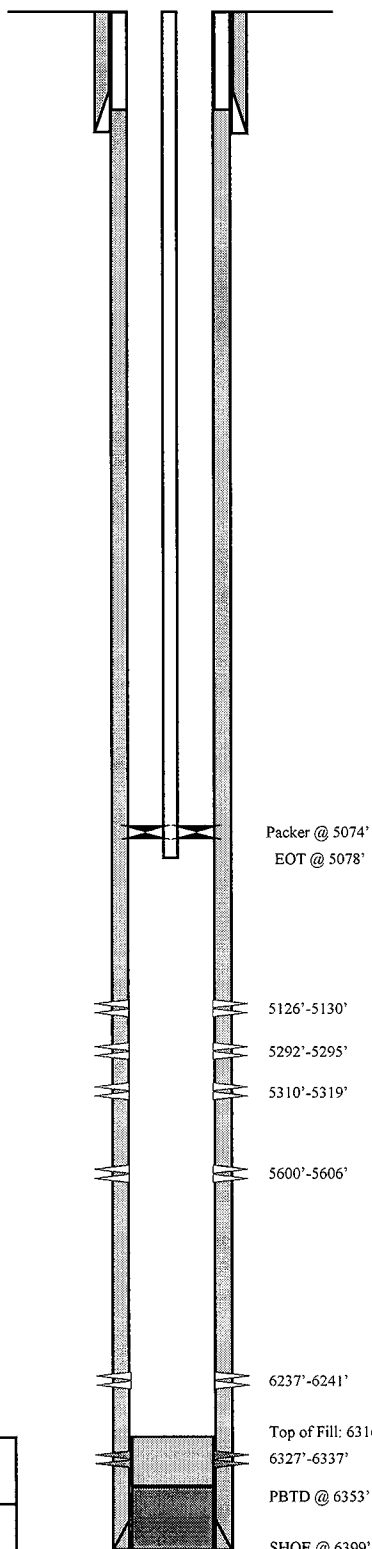
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 287.59' (7 jts)
 DEPTH LANDED: 288' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts (6407.79')
 DEPTH LANDED: 6399.29'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sxs Hibond mixed & 360 sxs thixotropic
 CEMENT TOP AT: 241' per KB

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
 NO. OF JOINTS: 163 jts. (5057.40')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5069.40' KB
 TOTAL STRING LENGTH: EOT 5077.95' KB

Injection Wellbore
DiagramFRAC JOB

3/12/97 6237'-6337' **Frac CP-4 & CP-5 sands as follows:**
 114,800# of 20/40 sand in 551 bbls of Boragel. Treated at avg rate of 26.3 bpm w/avg press of 2350 psi. ISIP-3840 psi. Calc. flush: 6237 gal. Actual flush: 4223 gal. Screened out.

3/14/97 5600'-5606' **Frac A-1 sand as follows:**
 110,800# of 20/40 sand in 560 bbls of Boragel. Treated @ avg rate of 24.4 bpm w/avg press of 1850 psi. ISIP-2224 psi. Calc. flush: 5600 gal. Actual flush: 5518 gal.

3/17/97 5292'-5319' **Frac C sand as follows:**
 109,100# of 20/40 sand in 566 bbls of Boragel. Treated @ avg rate of 24.8 bpm w/avg press of 1650 psi. ISIP-1879 psi. Calc. flush: 5292 gal. Actual flush: 5206 gal.

3/19/97 5126'-5130' **Frac D-1 sand as follows:**
 113,700# of 20/40 sand in 593 bbls of Boragel. Treated @ avg rate of 20.5 bpm w/avg press of 2100 psi. ISIP-2198 psi. Calc. flush: 5126 gal. Actual flush: 5015 gal.

10/9/02 Tubing leak. Update rod and tubing details.

2/21/03 Parted rods. Update rod details.

5/17/03 Tubing leak. Update rod and tubing details.

1/13/04 Parted rods. Update rod details.

9/1/04 Parted rods. Update rod details.

4/9/08 **Well converted to an Injection well.**

4/24/08 **MIT completed and submitted.**

PERFORATION RECORD

3/12/97	6237'-6241'	4 JSPF	16 holes
3/12/97	6327'-6337'	4 JSPF	40 holes
3/13/97	5600'-5606'	4 JSPF	24 holes
3/15/97	5292'-5295'	4 JSPF	12 holes
3/15/97	5310'-5319'	4 JSPF	36 holes
3/18/97	5126'-5130'	4 JSPF	16 holes



Monument Butte Federal NE #8-26-8-16

1891' FNL & 655' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31744; Lease #UTU-73088

Federal M-26-8-16

Spud Date: 7-10-07
 Put on Production: 8-17-07
 GL: 5512' KB: 5524'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.63')
 DEPTH LANDED: 313.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 157 jts. (6669.57')
 DEPTH LANDED: 6682.82' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

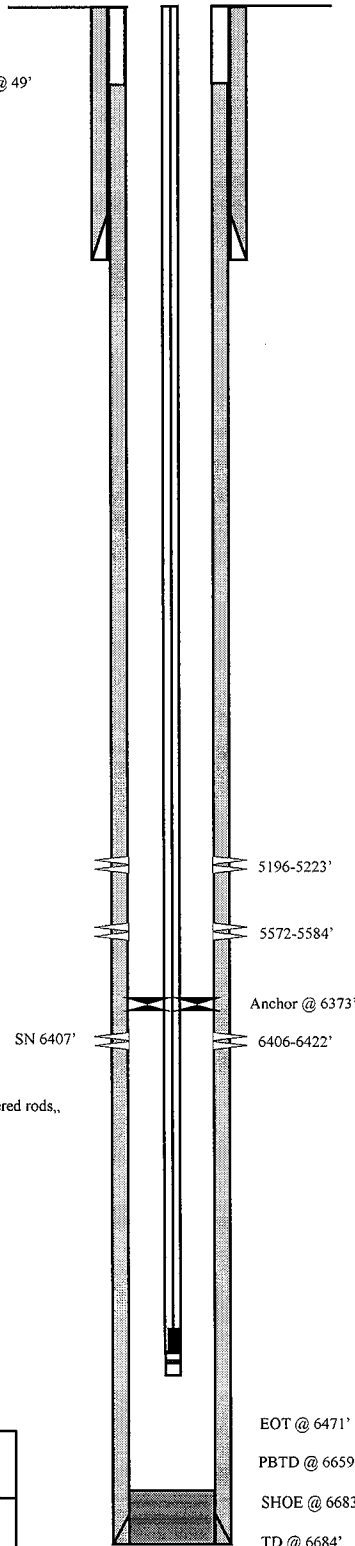
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 202 jts (6360.56')
 TUBING ANCHOR: 6372.56' KB
 NO. OF JOINTS: 1 jts (31.55')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6406.91' KB
 NO. OF JOINTS: 2 jts (62.81')
 TOTAL STRING LENGTH: EOT @ 6471.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2', 1-6', & 1-8' x 7/8" pony rods, 251- 7/8" scraped rods, 4-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 123"
 PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 49'



Initial Production: BOPD,
 MCFD, BWPD

FRAC JOB

08-13-07 6406-6422' **Frac cp5sands as follows:**
 80171# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 2170 psi w/avg rate of 24.8 BPM. ISIP 2410 psi. Calc flush: 6404 gal. Actual flush: 5817 gal.

08-13-07 5572-5584' **Frac B2 sands as follows:**
 24767# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 4225 psi w/avg rate of 24.8 BPM. ISIP 1730 psi. Calc flush: 5570 gal. Actual flush: 4998 gal.

08-13-07 5196-5223' **Frac D1 sands as follows:**
 137131# 20/40 sand in 996 bbls Lightning 17 frac fluid. Treated @ avg press of 1848 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5194 gal. Actual flush: 5082 gal.

PERFORATION RECORD

08-08-07	6406-6422'	4 JSPF	64 holes
08-13-07	5572-5584'	4 JSPF	48 holes
08-13-07	5196-5223'	4 JSPF	108 holes

NEWFIELD**Federal M-26-8-16**

1983' FNL & 2001' FWL

SE/NW Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33250; Lease # UTU-34346

Hawkeye Federal L-26-8-16

Spud Date: 6-4-07
Put on Production: 7-19-07

GL: 5498' KB: 5510'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.99')
DEPTH LANDED: 314.89' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

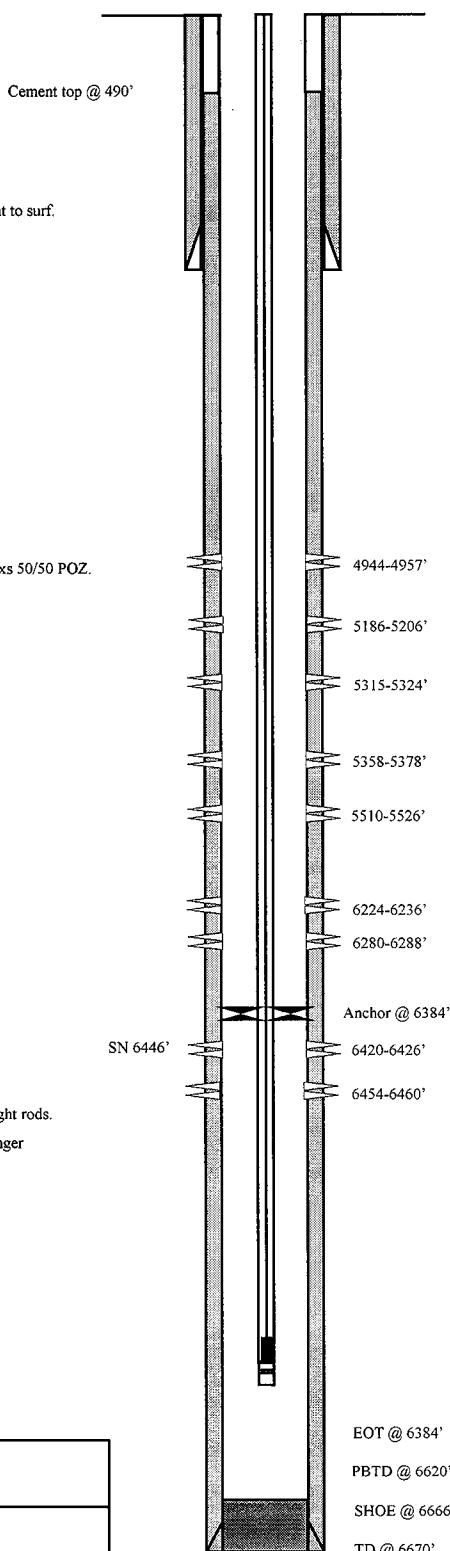
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6652.98')
DEPTH LANDED: 6666.23' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 490'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 206 jts (6372.13')
TUBING ANCHOR: 6384.13' KB
NO. OF JOINTS: 2 jts (59.04')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6445.82' KB
NO. OF JOINTS: 2 jts (60.97')
TOTAL STRING LENGTH: EOT @ 6508.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 252 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 2" x 24' x 24' RHAC w/SM plunger
STROKE LENGTH: 168"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07-12-07	6420-6460'	Frac BS, & CP5 sands as follows: 50822# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6418 gal. Actual flush: 5964 gal.
07-13-07	6224-6288'	Frac CP3, & CP2 sands as follows: 49244# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6222 gal. Actual flush: 5712 gal.
07-13-07	5510-5526'	Frac B1 sands as follows: 69501# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2737 psi w/avg rate of 26.8 BPM. ISIP 3052 psi. Calc flush: 5508 gal. Actual flush: 5082 gal.
07-13-07	5315-5378'	Frac C, & D3 sand as follows: 39606# 20/40 sand in 422 bbls Lightning 17 frac fluid. Treated @ avg press of 1998 w/ avg rate of 24.5 BPM. ISIP 2067 psi. Calc flush: 5313 gal. Actual flush: 4872 gal.
07-13-07	5186-5206'	Frac D1 sand as follows: 59495# 20/40 sand in 524 bbls Lightning 17 frac fluid. Treated @ avg press of 2047 w/ avg rate of 24.5 BPM. ISIP 2352 psi. Calc flush: 5184 gal. Actual flush: 4704 gal.
07-13-07	4944-4957'	Frac PB11 sand as follows: 46754# 20/40 sand in 449 bbls Lightning 17 frac fluid. Treated @ avg press of 2314 w/ avg rate of 24.6 BPM. ISIP 2342 psi. Calc flush: 4942 gal. Actual flush: 4830 gal.
3/17/09		Unit Upgrade.

PERFORATION RECORD

07-12-07	6454-6460'	4 JSPF	24 holes
07-12-07	6420-6426'	4 JSPF	24 holes
07-12-07	6280-6288'	4 JSPF	32 holes
07-12-07	6224-6236'	4 JSPF	48 holes
07-13-07	5510-5526'	4 JSPF	64 holes
07-13-07	5358-5378'	4 JSPF	80 holes
07-13-07	5315-5324'	4 JSPF	36 holes
07-13-07	5186-5206'	4 JSPF	80holes
07-13-07	4944-4957'	4 JSPF	52 holes

NEWFIELD**Hawkeye Federal L-26-8-16**

1968' FSL & 2013' FEL

NW/SE Section 26-T8S-R16E

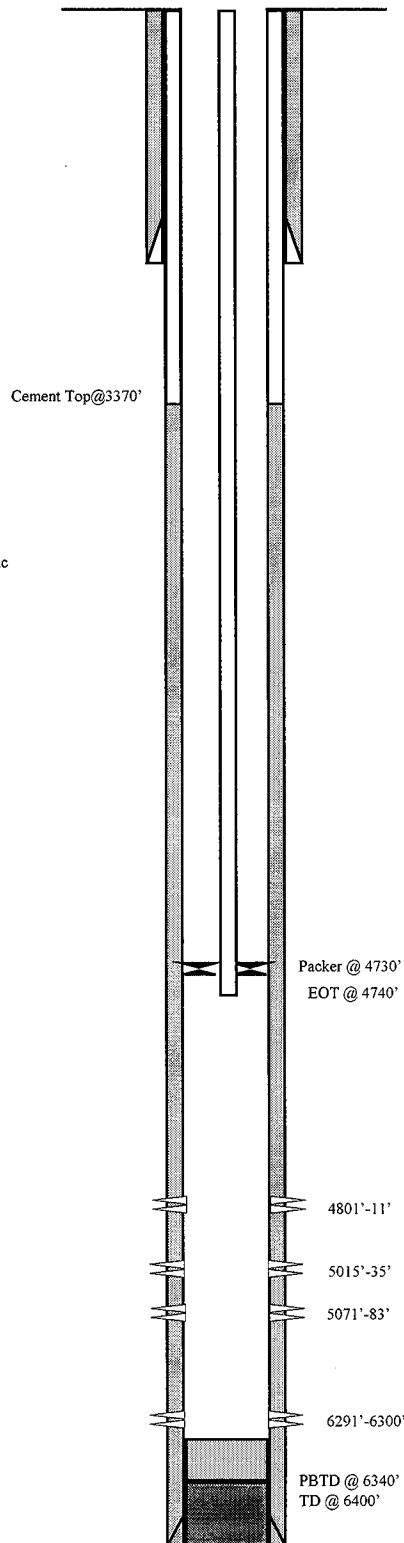
Duchesne Co, Utah

API # 43-013-33263; Lease # UTU-34346

Spud Date: 3/14/97

Put on Production: 4/5/97
GL: 5516' KB: 5529'

Monument Butte Federal #11-26-8-16

Initial Production: 93 BOPD,
120 MCFPD, 18 BWPDSURFACE CASINGCSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 291.40'(7 jts.)
DEPTH LANDED: 291' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 6 bbls to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6357.73')
DEPTH LANDED: 6354.71'
HOLE SIZE: 7-7/8"
CEMENT DATA: 390 sk Hibond mixed & 370 sxs thixotropic
CEMENT TOP AT: 3370' per CBLTUBINGSIZE/GRADE/WT.: 2-7/8" / WC-50 & J-55 / 6.5#
NO. OF JOINTS: 206 jts
TUBING ANCHOR: 6088'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6223'
SN LANDED AT: 6153'Injection Wellbore
DiagramFRAC JOB

3/27/97 6291'-6300' **Frac CP-4 sand as follows:**
79,400# of 20/40 sand in 441 bbls of Boragel. Screened out w/5133 gal flush pumped (69,900# sand in formation, 9500# sand in csg). Perfs broke @ 4006 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2900 psi. ISIP-4000psi, 5-min 2466 psi. Flowback on 12/64" ck for 3 hours and died.

3/28/97 5015'-5083' **Frac D-1 and D-Stray sands as follows:**
123,500# of 20/40 sand in 592 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate of 24 bpm w/avg press of 1700 psi. ISIP-2885 psi, 5-min 2730 psi. Flowback on 12/64" ck for 3 hours and died.

3/31/97 4801'-4813' **Frac PB-10 sand as follows:**
91,100# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 3546 psi. Treated @ avg rate of 22.2 bpm w/avg press of 2200 psi. ISIP-2787 psi, 5-min 2691 psi. Flowback on 12/64" ck for 3 hours and died.

5/15/08 **5 Year MIT completed and submitted.**

PERFORATION RECORD

3/26/97	6291'-6300'	4 JSPF	36 holes
3/28/97	5015'-5035'	4 JSPF	80 holes
3/28/97	5071'-5083'	4 JSPF	48 holes
3/29/97	4801'-4811'	4 JSPF	40 holes



Monument Butte Federal #11-26
1980 FWL 1980 FSL
NESW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31673; Lease #U-34346

CR 5/20/08

Spud Date: 11/13/96
 Put on Injection: 11/25/97
 GL: 5495' KB: 5508'

Monument Butte Federal #9-26

Initial Production: 104 BOPD,
 144 MCFPD, 4 BWPD

Injector Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 307.14' (9 jts.)
 DEPTH LANDED: 305.04' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (6413.33')
 DEPTH LANDED: 6399.33'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 480 sxs thixotropic
 CEMENT TOP AT: 788' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 205 jts (?)
 PACKER: Set @ 4742' KB
 SEATING NIPPLE:
 TOTAL STRING LENGTH: EOT @ 4742'
 SN LANDED AT:

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5413'-5457' **Frac B-1 & B-2 sands as follows:**
 81,700# of 20/40 sand in 492 bbls of
 Boragel. Breakdown @ 2410 psi. Treated @
 avg rate of 22.4 bpm w/avg press of 1750
 psi. ISIP-2406 psi, 5-min 2379 psi.
 Flowback on 12/64" ck for 4 hours and
 died.

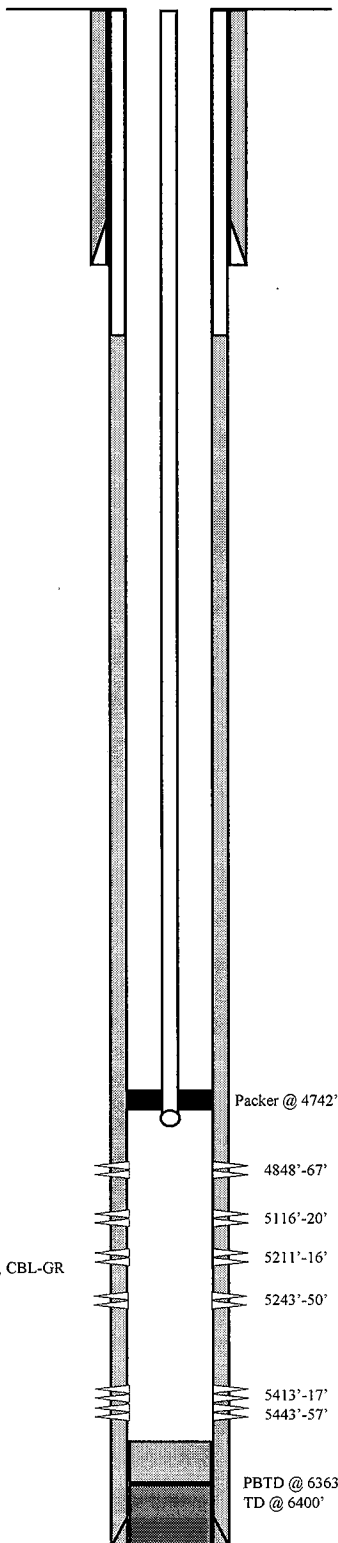
12/14/96 5116'-5250' **Frac D-1, D-3 & C sand as follows:**
 106,900# of 20/40 sand in 565 bbls of
 Boragel. Breakdown @ 2008 psi. Treated @
 avg rate of 25.8 bpm w/avg press of 1700
 psi. ISIP-2694, 5-min 2595 psi. Flowback
 on 12/64" ck for 3 hours and died.

12/16/96 4848'-4867' **Frac PB-11 sand as follows:**
 72,800# of 20/40 sand in 412 bbls of
 Boragel. Breakdown @ 2857 psi. Treated @
 avg rate of 18.6 bpm w/avg press of 2100
 psi. ISIP-2616 psi, 5-min 2550 psi.
 Flowback on 12/64" ck for 3 hours and
 died.

08/23/07 **5 Year MIT**

PERFORATION RECORD

12/11/96	5413'-5417'	4 JSPF	16 holes
12/11/96	5443'-5457'	4 JSPF	56 holes
12/12/96	5243'-5250'	4 JSPF	28 holes
12/12/96	5211'-5216'	4 JSPF	20 holes
12/12/96	5116'-5120'	4 JSPF	16 holes
12/14/96	4848'-4867'	4 JSPF	76 holes



Monument Butte Federal #9-26
 660 FEL 1980 FNL
 NESE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31667; Lease #U-34346

Spud Date: 11/13/96
Put on Production: 1/10/97
GL: 5531' KB: 5544'

Monument Butte Federal NE #14-26-8-16

Initial Production: 75 BOPD,
121 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 297.90' (7 jts.)
DEPTH LANDED: 291.30' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (6257')
DEPTH LANDED: 6252'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sk Hibond mixed & 390 sxs thixotropic
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 191 jts (5901.89')
TUBING ANCHOR: 5946.65' KB
NO. OF JOINTS: 2 jts (62.23')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6015.18' KB
NO. OF JOINTS: 2 jts (62.16')
TOTAL STRING LENGTH: EOT @ 6077.34'

SUCKER RODS


POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 6-1 1/2" weight bars, 49-3/4" guided rods, 54-3/4" plain rods,
131-3/4" scraped rods; 1-4', 1-8' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump
STROKE LENGTH: 52"
PUMP SPEED, SPM: 5 SPM

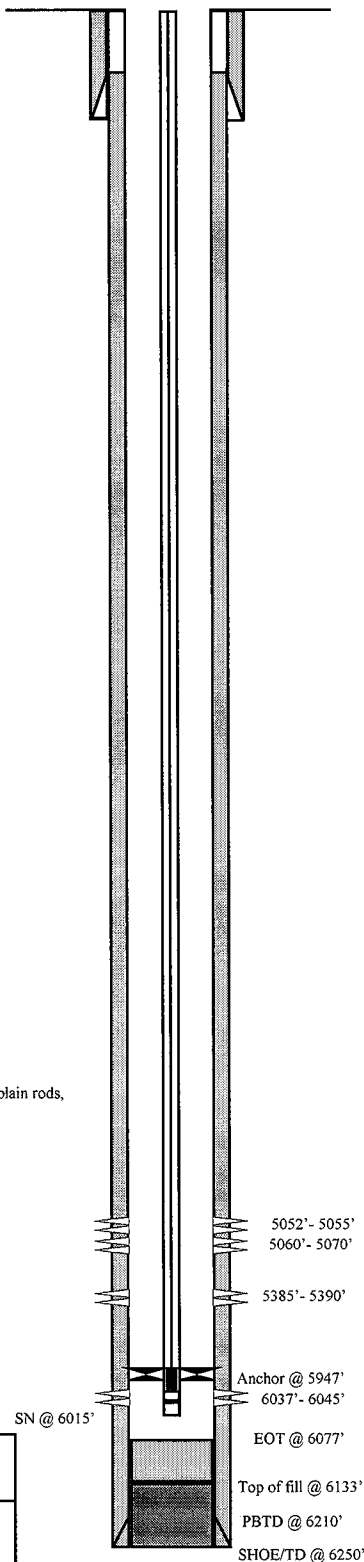
FRAC JOB

1/2/97	6037'-6045'	Frac CP-2 sand as follows: 86,000# of 20/40 sand in 505 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 2300 psi. ISIP-3078 psi.
1/4/97	5385'-5390'	Frac B-2 sand as follows: 98,700# of 20/40 sand in 573 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 1980 psi. ISIP-2041 psi.
1/7/97	5052'-5070'	Frac D-1 sand as follows: 107,600# of 20/40 sand in 546 bbls of Boragel. Treated @ avg rate of 22.5 bpm w/avg press of 2350 psi. ISIP-2902 psi.
3/21/02		Tubing leak. Update rod and tubing details.
8/27/02		Tubing leak. Update rod and tubing details.
4/3/03		Tubing leak. Update rod and tubing details.
1/20/06		Tubing leak. Update rod and tubing details.
1/14/09		Tubing Leak. Updated rod & tubing details.
8/24/09		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

12/30/96	6037'-6045'	4 JSPP	32 holes
1/03/97	5385'-5390'	4 JSPP	20 holes
1/06/97	5052'-5055'	4 JSPP	12 holes
1/06/97	5060'-5070'	4 JSPP	40 holes


Monument Butte Federal NE #14-26-8-16 660' FSL & 1980' FWL SE/SW Section 26-T8S-R16E Duchesne Co, Utah API #43-013-31703; Lease #U-34346



Spud Date: 4/22/96
Put on Production: 5/17/96
Put on Injection: 5/13/99

GL: 5534' KB: 5547'

Monument Butte Federal #15-26-8-16

Initial Production: 296 BOPD,
383 MCFPD, 8 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 305'
DEPTH LANDED: 302.63' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sks Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

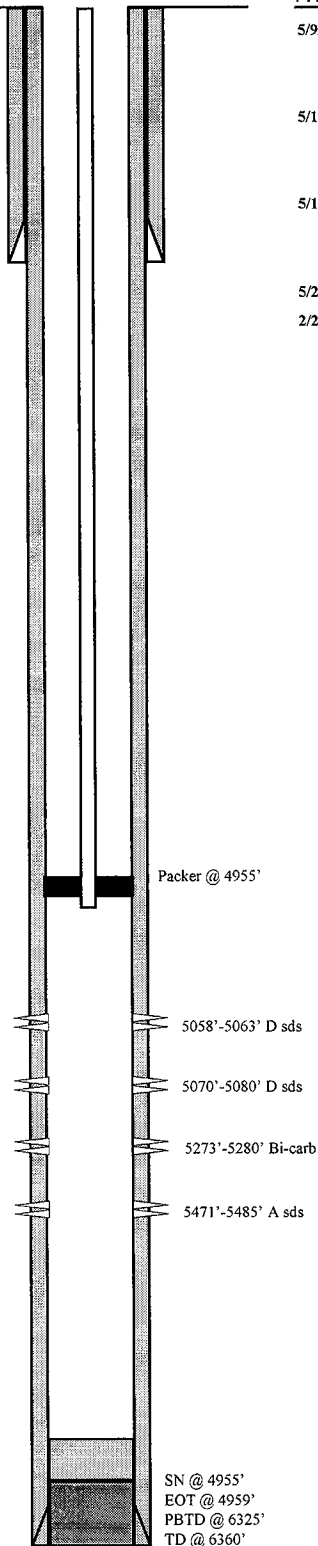
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6363.43')
DEPTH LANDED: 6360.30' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hyfill mixed & 360 sks thixotropic
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / LS / 6.5#
NO. OF JOINTS: 159 jts
SEATING NIPPLE: 1.10' @ 4950.47' KB
PACKER: elements @ 4954.82' KB
TOTAL STRING LENGTH: EOT @ 4958.90' KB

FRAC JOB

5/9/96	5471'-5485'	Frac A sand as follows: 63,800# 20/40 sd in 441 bbls Boragel. Breakdown @ 2449 psi treated @ avg rate 21 bpm, avg press 2490 psi. ISIP 3332 psi.
5/11/96	5273'-5280'	Frac Bi-Carb zone as follows: 31,600# 20/40 sd in 282 bbls Boragel. Breakdown @ 4011, treated @ avg rate 15.5 bpm, avg press 1900 psi. ISIP-2276 psi.
5/14/96	5058'-5080'	Frac D sand as follows: 44,500# 20/40 sd in 316 bbls Boragel. Formation broke @ 2501#, avg TP 1900# 16 bpm. ISIP-2252 psi.
5/2/99		Convert to injector.
2/26/09		5 Year MIT completed and submitted.



PERFORATION RECORD

5/8/96	5471'-5485'	4 JSPF	56 holes
5/10/96	5273'-5280'	4 JSPF	28 holes
5/13/96	5070'-5080'	4 JSPF	40 holes
5/13/96	5058'-5063'	4 JSPF	20 holes



Monument Butte Federal #15-26-8-16
613 FSL & 1979 FEL
SWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31502; Lease #U-67170

Spud Date: 9/05/95

Put on Production: 10/28/95

GL: 5474' KB: 5487'

Monument Butte Federal #16-26-8-16

Initial Production: 93 BOPD,
100 MCFPD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE:

WEIGHT: 24#

DEPTH LANDED: 310'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premlite + 50 sxs Prem

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

DEPTH LANDED: 6175' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 290 sxs Lead + 375 sxs Thixotropic.

CEMENT TOP AT: 150'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55

NO. OF JOINTS: 172 jts (5426.56')

TUBING ANCHOR: 5439.56' KB

NO. OF JOINTS: 1 jt (31.54')

SEATING NIPPLE: 2-7/8"

SN LANDED AT: 5475.00' KB

NO. OF JOINTS: 2 7/8" J-55

NO. OF JOINTS: 2 jt (66.00')

TOTAL STRING LENGTH: EOT @ 5541.44' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 1-4", 6' x 7/8" pony subs, 90-7/8" guided rods, 102-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight bars

PUMP SIZE: CDI 2 1/2" x 1 3/4" x 12' x 15' RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5

FRAC JOB

10/19/95 5373'-5386'

Frac B-2 sand as follows:

90,700# of 20/40 sand in 635 bbls of frac fluid. Treated with avg press. of 2200 psi @ 25 bpm, ISIP 2602 psi.

10/21/95 5173'-5198'

Frac C-sd as follows:

80,600# of 20/40 sand in 646 bbls of frac fluid. Treated with avg press. of 2050 psi @ 32 bpm, ISIP 1804 psi.

10/22/95 5034'-5043'

Frac D-1 sand as follows:

59,800# of 16/30 sand in 527 bbls of frac fluid. Treated with avg press. of 2200 psi @ 26 bpm, ISIP 2131 psi.

04/26/07 Recompletion

Frac PB11 sand as follows:

22288# of 20/40 sand in 233 bbls of frac fluid. Treated with avg press. of 4125 psi @ 14.3 bpm, ISIP 2131 psi. Calc flush: 2471 gal. Actual flush: 1113

PERFORATION RECORD

10/18/95 5373'-5386'

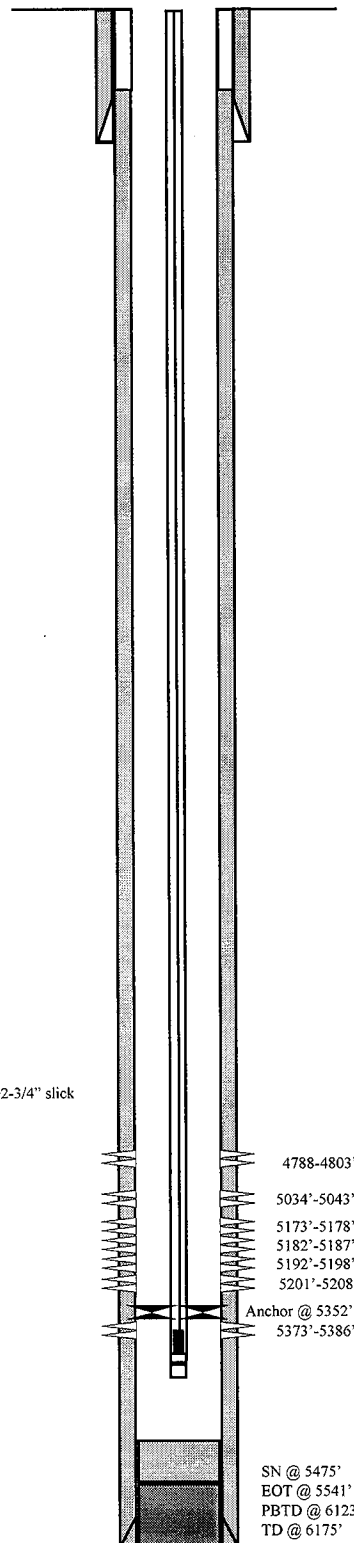
10/20/95 5192'-5198'

10/20/95 5182'-5187'

10/20/95 5173'-5178'

10/22/95 5034'-5043'

04/24/07 4788'-4803' 4 JSPF 60 holes



NEWFIELD

Monument Butte Federal #16-26-8-16

507' FSL & 666' FEL

SE/SE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31517; Lease #U-67170

TW 07-12-07

Spud Date: 6/8/83

Put on Production: 8/1/83

GL: 5532' KB: 5547'

Boll Weevil Federal #26-13-8-16

Initial Production: 50 BOPD,
25 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (282')

DEPTH LANDED: 297' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 225 sxs Class "G" cmt, good cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5# & 14#

LENGTH: 149 jts. (6175')

DEPTH LANDED: 6172'

HOLE SIZE: 7-7/8"

CEMENT DATA: 220 sxs BJ lite & 1000 sxs Class "G"

CEMENT TOP AT: 1700'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 181 jts (5791.95')

TUBING ANCHOR: 5806.95' KB

NO. OF JOINTS: 1 jts (32.45')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5842.20' KB'

NO. OF JOINTS: 1 jts (32.54')

NO. OF JOINTS: 3 jts (91.75')

TOTAL STRING LENGTH: EOT @ 5974.14' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 2' 4", 8x 7/8" pony rods, 99-7/8" guided rods, 77-3/4" plain rods, 50-3/4" guided rods, 6- 1 1/2" wt. bars.

PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC edi pump

STROKE LENGTH: 86"

PUMP SPEED, 5 SPM

FRAC JOB

7/20/83 5994'-5998'

Frac CP-1 sand as follows:

23,500 gal H2O, 30,000# 20/40 sd. ISIP-2180, 5-min 2080, 10-min 2020, 15-min 2000.

7/22/83 5736'-5746'

Frac LODC sand as follows:

28,000 gal H2O, 54,000# of 20/40 sand. Screened Out. ISIP-3400, 5-min 2400, 10-min 2250, 15-min 2150.

7/24/83 5032'-5040'

Frac D sand as follows:

20,000 gal H2O, 50,000# 20/40 sand. ISIP-2100, 5-min 1900, 10-min 1820, 15-min 1800, S1 9 hrs.

6/24/86 4304'-4310'

Frac ? sand as follows:

10,000 gal gelled H2O, 21,000# of 20/40 sand. ISIP-1800, 5-min 1700, 10-min 1630, 15-min 1620.

4/25/95

Re-acidize CP1, LODC, D zones.

5/01/95

Squeeze perfs 4304'-4310' w/ 50 sx Class "G" cement.

10/11/96

Pump change. Update rod and tubing details.

5-4-05

Pump change. Update rod and tubing details.

5/22/09 6046-6060'

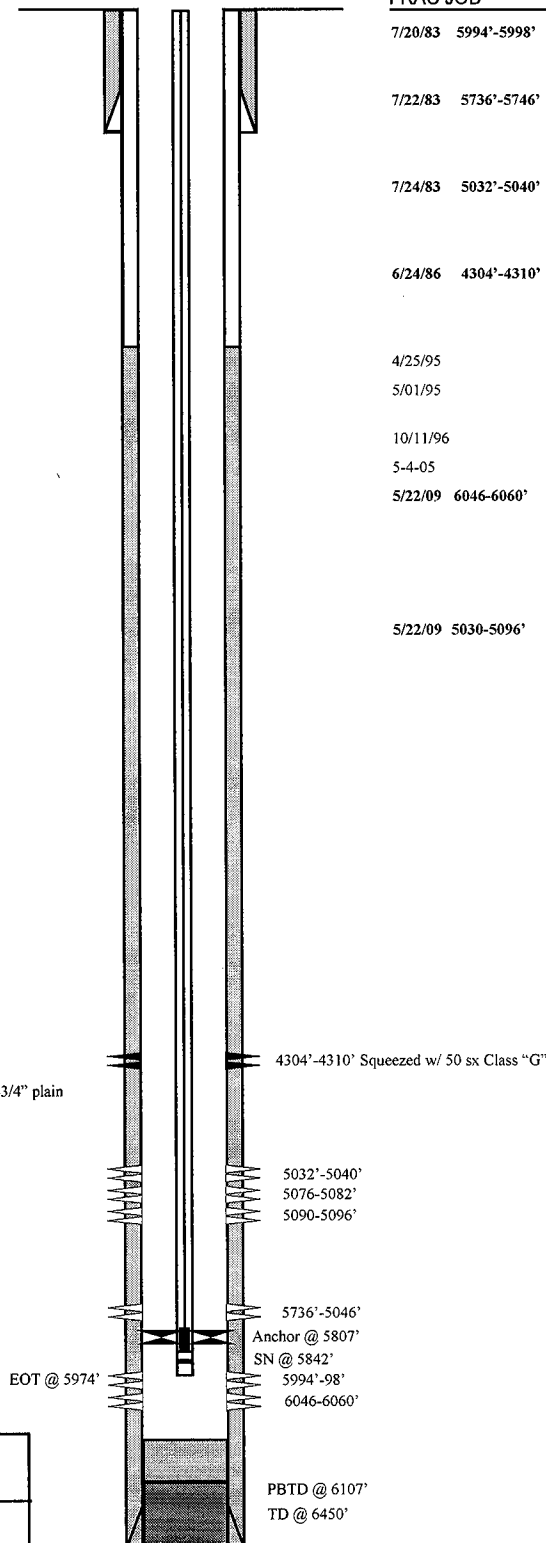
Frac CP2 sds as follows:

24,999# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4550 @ ave rate of 15 BPM w/ 6 ppg of sand. ISIP was 2158 w/ .79FG. 5 min was 2004 pi. 10 min was 1950 psi.

5/22/09 5030-5096'

Frac D1 & Ds1 sds as follows:

60,059#s of 20/40 sand in 540 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4784 @ ave rate of 15 BPM w/ 6 ppg of sand. ISIP was 2697 w/ .97FG. 5 min was 2348 pi. 10 min was 2187 psi. 15 min was 2099.

PERFORATION RECORD

7/20/83	5994'-5998'	3 JSFP	12 holes
7/22/83	5736'-5746'	3 JSFP	30 holes
7/24/83	5032'-5040'	3 JSFP	24 holes
6/23/86	4304'-4310'	2 JSFP	12 holes
5/27/09	5030-5040'	64 shots	
5/27/09	5076-5082'	4 JSFP	24 holes
5/27/09	5090-5096'	4 JSFP	24 holes
5/27/09	6046-6060'	4 JSFP	56 holes

NEWFIELD

Boll Weevil Federal #26-13-8-16
 1980' FSL & 660' FWL
 NW/SW Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-30770; Lease #U-34346

Federal 2A-35-8-17

Spud Date: 11/28/05
 Put on Production: 12/28/05
 GL: 5054' KB:5066'

Initial Production: BOPD 5,
 MCFD 20, BWPD 22

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (309.0')
 DEPTH LANDED: 319' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6186.29')
 DEPTH LANDED: 6184.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5518.40')
 TUBING ANCHOR: 5530.40' KB
 NO. OF JOINTS: 2 jts (65.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5598.34' KB
 NO. OF JOINTS: 2 jts (65.12')
 TOTAL STRING LENGTH: EOT @ 5665.01' w/ 12' KB'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-8", 1-2" x 3/4" pony rods, 100-3/4" scraped rods; 107-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC pump w/ SM Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIG/GR/SP/CAL

FRAC JOB

12/22/05 5500'-5578'

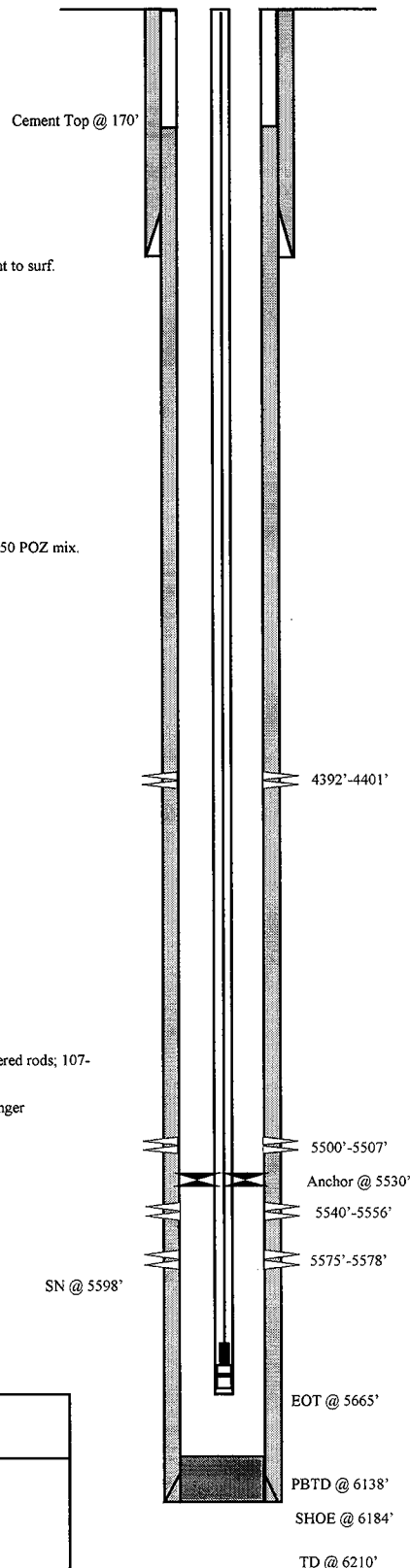
Frac A3 and LODC sands as follows:
 140,872# 20/40 sand in 964 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2050 psi
 w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc
 flush: 5498 gal. Actual flush: 4326 gal.

12/22/05 4392'-4401'

Frac GB2 sands as follows:
 49,702# 20/40 sand in 413 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2680 psi
 w/avg rate of 25 BPM. ISIP 2660 psi. Calc
 flush: 4390 gal. Actual flush: 4284 gal.

PERFORATION RECORD

12/16/05	5575'-5578'	4 JSPF	12 holes
12/16/05	5540'-5556'	4 JSPF	64 holes
12/16/05	5500'-5507'	4 JSPF	28 holes
12/22/05	4392'-4401'	4 JSPF	36 holes



NEWFIELD

Federal 2A-35-8-17

609' FNL & 1895' FEL

NW/NE Section 35-T8S-R17E

Uintah County, Utah

API #43-047-36073; Lease #UTU-40026

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
1 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-34081**

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample Point: **tank**

Sample Date: **11/23/2009**

Sales Rep: **Randy Huber**

Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	11/30/2009
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5868
Molar Conductivity (µS/cm):	8892
Resitivity (Mohm):	1.1246

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		40.00	Chloride (Cl):
Magnesium (Mg):		-	Sulfate (SO₄):
Barium (Ba):		28.00	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		1929.00	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		2.38	Phosphate (PO₄):
Manganese (Mn):		0.03	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100	0	6.73	16.09	0.00	-1921.20	0.00	-2033.80	-	-	21.36	34.94	0.79
80	0	5.14	12.59	0.00	-13.52	0.00	-2169.00	-	-	32.09	36.80	0.38
100	0	6.73	16.09	0.00	-9.89	0.00	-2033.80	-	-	21.36	34.94	0.46
120	0	8.22	19.20	0.00	-7.22	0.00	-1837.70	-	-	14.55	32.84	0.52
140	0	9.65	22.20	0.00	-5.25	0.00	-1608.60	-	-	10.12	30.47	0.58
160	0	10.94	24.90	0.00	-3.84	0.00	-1369.80	-	-	7.18	27.80	0.65
180	0	12.03	26.95	0.00	-2.85	0.00	-1138.80	-	-	5.17	24.81	0.72
200	0	12.87	28.07	0.00	-2.16	0.00	-927.04	-	-	3.78	21.49	0.73
220	2.51	13.41	28.30	0.00	-1.71	0.00	-747.33	-	-	2.76	17.60	0.74
240	10.3	13.78	27.70	0.00	-1.38	0.00	-587.35	-	-	2.07	13.45	0.75
260	20.76	13.94	26.85	0.00	-1.16	0.00	-454.17	-	-	1.57	8.88	0.76
280	34.54	13.93	26.05	0.00	-1.02	0.01	-345.62	-	-	1.20	3.81	0.77
300	52.34	13.76	25.38	0.00	-0.92	0.01	-258.72	-	-	0.92	-1.80	0.79

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

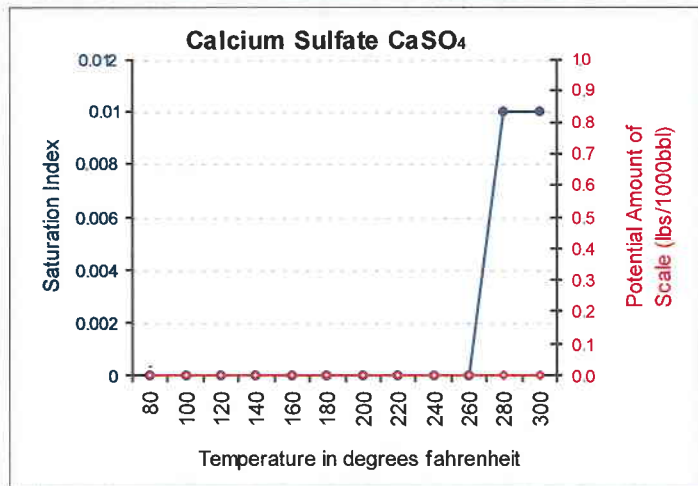
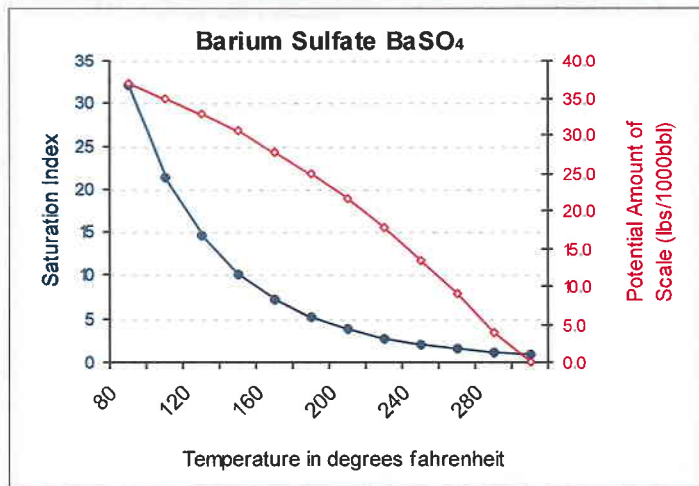
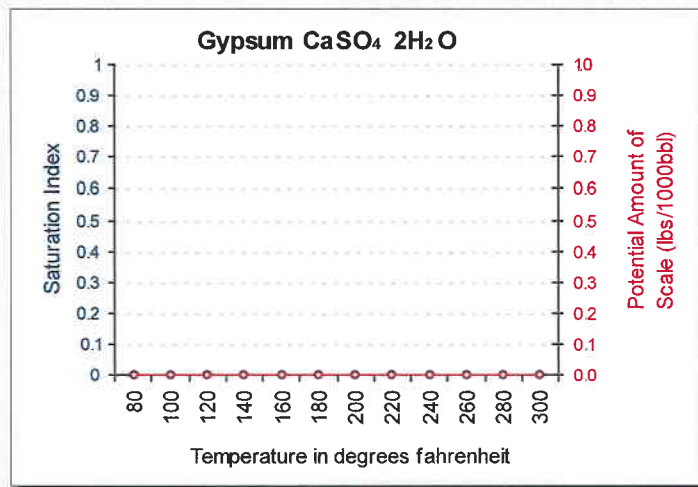
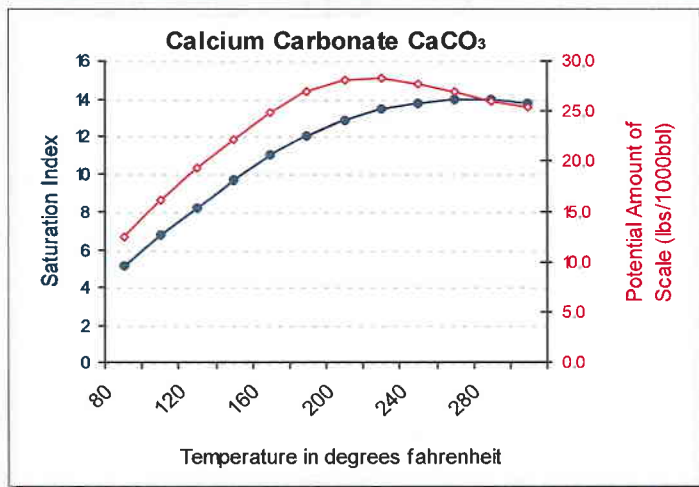
Vernal, UT 84078



Scale Prediction Graphs

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample ID: **WA-34081**



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
3 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-35260**

Well Name: **Monument Butte Injection**

Sample Point: **Before Desilter**

Sample Date: **1 / 1 / 2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	90
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	9.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	11140
Molar Conductivity (µS/cm):	16879
Resistivity (Mohm):	0.5925

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	40.00	Chloride (Cl):	6000.00
Magnesium (Mg):	24.40	Sulfate (SO₄):	140.00
Barium (Ba):	14.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	780.00
Sodium (Na):	4139.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	2.29	Phosphate (PO₄):	-
Manganese (Mn):	0.15	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia (NH₃):	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F



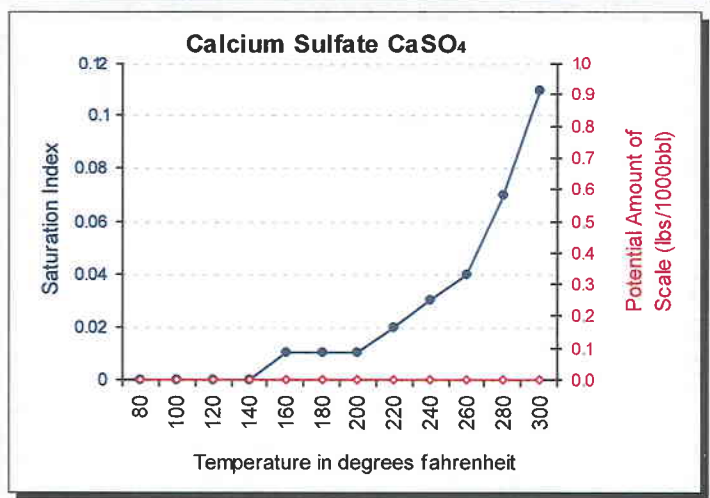
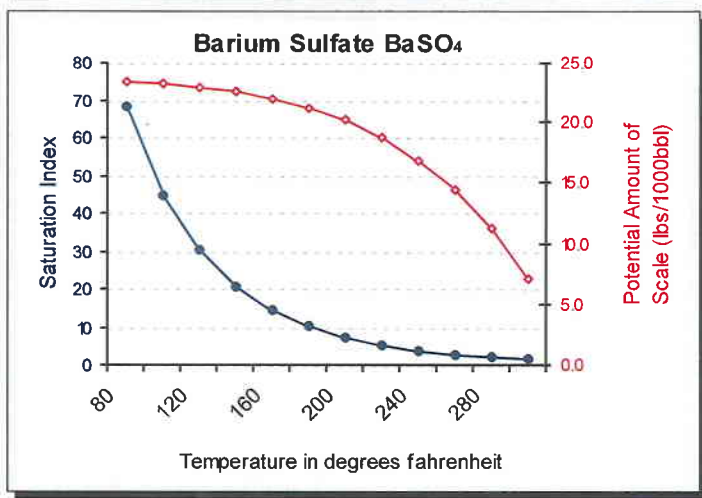
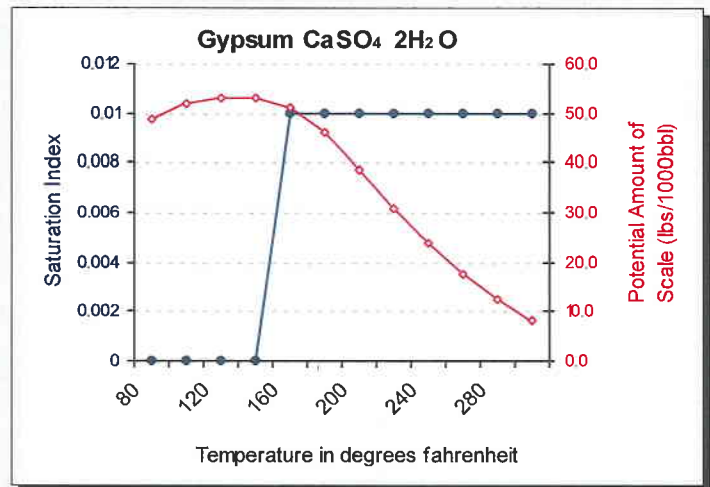
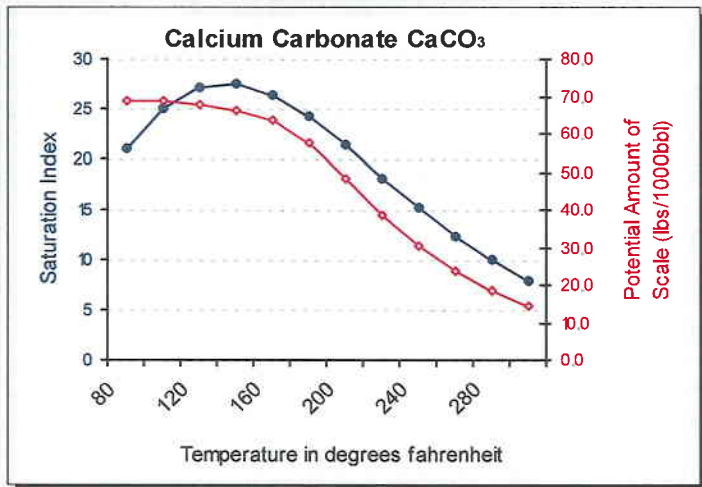
Multi-Chem Group, LLC
Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**



Attachment "G"

**Monument Butte Federal #10-26-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5834	6021	5928	2100	0.79	2062 ←
5244	5252	5248	3768	1.15	3734
5069	5056	5063	2580	0.94	2547
				Minimum	<u><u>2062</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/10/96 **Completion Day** 1
Present Operation TIH w/tbg, prep to perf **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 2612 **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/9/96 **SITP:** **SICP:**

MIRU Basin #6. WO tbg head to be installed. Clean sd out of flat tank. Install csg head w/ERC. NU BOP. PU & TIH w/4-1/2" drlg bit, 5-1/2" csg scraper & 84 jts 2-7/8" 6.5# J-55 tbg to 2612'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	1,365
BOP	145
Tanks	20
Trucking	600
Tbg	15,625
CBL	1,250
Tbg Head	2,250
Anchors	700
Location cleanup	200
IPC-supervision	300
Wtr	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$22,555
TOTAL WELL COST: \$165,810



Attachment G-1
2 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/11/96 **Completion Day** 2
Present Operation Frac "LDC" & "CP" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** 6.5 @ J-55 **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/10/96 **SITP:** 0 **SICP:** 0

Finish PU & TIH w/117 jts tbg. Tag PBTD @ 6205'. (201 jts tbg total). LD 1 jt tbg. Press test csg to 3000 psi. RU swb. IFL @ sfc, made 13 runs, rec 126 BW, FFL @ 5300'. TOH LD bit & scraper. RU Western Atlas & PERF "LDC" SD @ 5834-39', 5852-54', 5892-99' & "CP" SD @ 6019-21' W/4 JSPF. TIH w/tbg to 6186'. RU swb. IFL @ 5300', made 3 runs, rec 14 BW, FFL @ 5800'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	1,415
BOP	145
Wtr	100
Perfs	1,812
Tanks	60
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$3,732
TOTAL WELL COST: \$169,542



Attachment G-1
3 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/12/96 **Completion Day** 3
Present Operation Perforate **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/11/96 **SITP:** 0 **SICP** 0

IFL @ 5600', made 2 runs, rec 7 BTW, FFL @ 5900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "LDC" & "CP" sd w/119,500# of 20/40 sd in 661 bbls of Boragel. Break dn @ 2617 psi. Treated @ ave rate of 34.5 bpm w/ave press of 1750 psi. ISIP: 2100 psi, 5 min: 1978 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 165 BTF. SIFN. Est 496 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	661	Starting oil rec to date	0		
Fluid lost/recovered today	165	Oil lost/recovered today	0		
Ending fluid to be recovered	496	Cum oil recovered	0		
IFL	FFL	FTP	Choke	Final Fluid Rate	Final oil cut

STIMULATION DETAIL

COSTS

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
4000 gal pad
2000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
4013 gal w/8-10 PPG of 20/40 sd
Flush w/5771 gal of 10# linear gel

Basin-rig	723
BOP	145
Tanks	60
HO trk	800
Wtr	800
Frac	21,850
IPC-supervision	200

Max TP	2617	Max Rate	36	Total fluid pmpd:	661 bbls
Avg TP	1750	Avg Rate	34.5	Total Prop pmpd:	119,500#
ISIP	2100	5 min	1978	10 min	15 min
Completion Supervisor: <u>Brad Mecham</u>					

DAILY COST:	\$24,578
TOTAL WELL COST:	\$194,120



Attachment 6-1
4 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/13/96 **Completion Day** 4
Present Operation Frac "C" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/12/96 **SITP:** **SICP** 50

Open & flowed 10 BTF & died. TIH w/RBP. Set plug @ 5330'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 12 runs, rec 111 BTF, FFL @ 4700'. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 5244-52' W/4 JSPF. TIH w/tbg to 5310'. RU swb. IFL @ 4700', made 7 runs, rec 12 BW, FFL @ 5200'. SIFN. Est 373 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>496</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>123</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>373</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>5200</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0%</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	1,538
BOP	145
Tanks	60
Wtr	600
RBP	765
Perfs	1,280
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$4,588

TOTAL WELL COST: \$198,708



Attachment G-1
5 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/14/96 **Completion Day** 5
Present Operation Perf "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/13/96 **SITP:** **SICP** 150

Bleed gas off csg. RU swb. IFL @ 4600', made 2 runs, rec 7 BTF, FFL @ 4900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "C" sd w/98,700# of 20/40 sd in 519 bbls of Boragel. Break dn @ 3360'. Treated @ ave rate of 20.3 bpm w/ave press of 2000 psi. ISIP: 3768 psi, 5 min: 3417 psi. Flowback on 12/64" ck for 12 min & died. Rec 23 BTF. TIH w/RBP. Set plug @ 5120'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 1 run, rec 12 BTF, FFL @ 500'. SIFN. Est 850 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>373</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>477</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>850</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
2500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1124 gal w/8-10 PPG of 20/40 sd
Flush w/5172 gal of 10# linear gel

COSTS

Basin-rig	<u>1,280</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,282</u>
RBP	<u>765</u>
HO trk	<u>750</u>
IPC-supervision	<u>200</u>

Max TP	<u>4180</u>	Max Rate	<u>21.5</u>	Total fluid pmpd:	<u>519 bbls</u>
Avg TP	<u>2000</u>	Avg Rate	<u>20.3</u>	Total Prop pmpd:	<u>98,700#</u>
ISIP	<u>3768</u>	5 min	<u>3417</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,482</u>
TOTAL WELL COST:	<u>\$221,190</u>



Attachment G-1
6 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/15/96 **Completion Day** 6
Present Operation Frac "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/14/96 **SITP:** 0 **SICP** 0

RU swb. IFL @ 600', made 7 runs, rec 87 BTF, FFL @ 4250'. TOH w/tbg. RU Western Atlas & PERF "D" SD @ 5069-77', 5080-86' W/4 JSPF. TIH w/tbg to 5060'. RU swb. IFL @ 4000', made 3 runs, rec 21 BTF, FFL @ 4900'. SIFN. Est 742 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>850</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>108</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>742</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	<u>700</u>
BOP	<u>145</u>
Perfs	<u>1,385</u>
Wtr	<u>200</u>
IPC-supervision	<u>200</u>

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$2,630

TOTAL WELL COST: \$223,820



Attachment G-1
7 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/17/96 **Completion Day** 7
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/16/96 **SITP:** 100 **SICP:** 250

Bleed gas off well. RU swb. IFL @ 3200', made 2 runs, rec 4 BTF w/10% oil cut, FFL @ 3350'. TOH w/tbg. NU treesaver. RU Halliburton & frac "D" sd w/109,100# of 20/40 sd in 551 bbls of Boragel. Break dn @ 3367 psi. Treated @ ave rate of 20.4 bpm w/ave press of 1800 psi. ISIP: 2580 psi, 5 min: 2485 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 54 BTF. SIFN. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>742</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>493</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
3500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1653 gal w/8-10 PPG of 20/40 sd
Flush w/4974 gal of 10# linear gel

COSTS

Basin-rig	<u>695</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,815</u>
HO trk	<u>800</u>
Wtr	<u>750</u>
Flowback-super	<u>100</u>
IPC-supervision	<u>200</u>

Max TP	<u>3367</u>	Max Rate	<u>25</u>	Total fluid pmpd:	<u>551 bbls</u>
Avg TP	<u>1800</u>	Avg Rate	<u>20.4</u>	Total Prop pmpd:	<u>109,100#</u>
ISIP	<u>2580</u>	5 min	<u>2485</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,565</u>
TOTAL WELL COST:	<u>\$246,385</u>



Attachment B-1
8 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/18/96 **Completion Day** 8
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/17/96 **SITP:** **SICP:**

Thaw out wellhead. TIH w/RH to 1971'. Rig broke dn. SI f/RR. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	435
BOP	145
Tanks	60
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$740
TOTAL WELL COST: \$247,125



Attachment G-1
9 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/19/96 **Completion Day** 9
Present Operation Swab well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/18/96 **SITP:** **SICP:**

Repair rig. Thaw out wellhead. TIH w/RH. Tag sd @ 4813'. Clean out to plug @ 5120'. Release plug. TOH to 3700'. SIFN. Lost 60 bbls during circ. SIFN. Est 1175 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>60</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1175</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	590
BOP	145
Tanks	20
Wtr Disposal	300
HO trk	120
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$1,275
TOTAL WELL COST: \$248,400



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/20/96 **Completion Day** 10
Present Operation Swab test well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6098 **BP/Sand PBTD:** 6205

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/19/96 **SITP:** **SICP:**

TOH LD plug. TIH w/new RH. Tag sd @ 5183'. Fill hole w/24 BW. Clean out to plug @ 5330'. Release plug.
TOH LD plug. TIH w/NC. Tag sd @ 5898'. Clean out to PBTD @ 6205'. LD 4 jts. EOT @ 6098'. RU swb. IFL @
sfc, made 5 runs, rec 60 BTF, FFL @ 700'. Lost 170 BW during circ. SIFN. Est 1309 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1175</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>134</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1309</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>700</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	<u>1,493</u>
BOP	<u>145</u>
Tanks	<u>25</u>
Wtr	<u>150</u>
IPC-supervision	<u>100</u>

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$1,913
TOTAL WELL COST: \$250,313



Attachment #61
11 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/21/96 **Completion Day** 11
Present Operation Swab & run prod tbg **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6073 **BP/Sand PBD:** 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/20/96 **SITP:** 0 **SICP** 0

RU swb. IFL @ sfc, made 10 runs, rec 220 BTF (est 10 BO, 210 BW), FFL @ 1200'. FOC 5% w/tr of sd. TIH w/3 jts tbg. Tag sd @ 6168'. TOH w/tbg. TIH w/prod tbg as follows: NC, 2 jts tbg, SN, 2 jts tbg, TA & 192 jts 2-7/8" 6.5# J-55 tbg. Landed w/EOT @ 6073', SN @ 6009', TA @ 5944'. ND BOP. Set TA w/8,000# tension. NU wellhead. RU swb. SIFN. Est 1099 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1309</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>210</u>	Oil lost/recovered today	<u>10</u>
Ending fluid to be recovered	<u>1099</u>	Cum oil recovered	<u>10</u>
IFL <u>sfc</u> FFL <u>1200</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>5%</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	1,574
BOP	145
Tanks	20
Wtr	300
TA-SN	650
Tbg Head	2,250
IPC-supervision	100

Max TP <u> </u>	Max Rate <u> </u>	Total fluid pmpd: <u> </u>
Avg TP <u> </u>	Avg Rate <u> </u>	Total Prop pmpd: <u> </u>
ISIP <u> </u>	5 min <u> </u>	10 min <u> </u>
	15 min <u> </u>	

Completion Supervisor: Brad Mecham

DAILY COST:	<u>\$5,039</u>
TOTAL WELL COST:	<u>\$255,352</u>



Attachment 6-1
12 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/22/96 **Completion Day** 12
Present Operation Well on production **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6073 **BP/Sand PBTD:** 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/21/96 **SITP:** 50 **SICP** 150

Bleed gas off well. RU swb. IFL @ 500', made 6 runs, rec 110 BTF (est 6 BO, 104 BW), FFL @ 1100'. FOC 5%. RU hot oil trk. Flush tbg w/40 bbls hot wtr. TIH w/rod string as follows: 2-1/2 x 1-1/2 x 12 x 16 RHAC pmp, 4 - 1-1/2" wt rods, 4 - 3/4" scraped rods, 137 - 3/4" plain rods, 94 - 3/4" scraped rods, 3 - 2', 1 - 4', 1 - 6' pony rods & 1-1/2 x 22' polished rod. Seat pmp. Fill tbg w/10 BW. Stroke pmp up to 1,000 psi, held w/good action. RDMO. **PLACE WELL ON PRODUCTION @ 5:30 PM, 12/21/96 W/74" SL @ 7-1/2 SPM.** Est 1045 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1099</u>	Starting oil rec to date	<u>10</u>
Fluid lost/recovered today	<u>54</u>	Oil lost/recovered today	<u>6</u>
Ending fluid to be recovered	<u>1045</u>	Cum oil recovered	<u>16</u>
IFL <u>500</u> FFL <u>1100</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u>5%</u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

IPC-supervision	300
Basin-rig	1,550
Tanks	20
Wtr disposal	500
HO trk	525
Rods/Rotator	6,200
Tbg Head	2,250
Trucking	500
Pmp	700
Pit Reclaim	800
Location Cleanup	200
Sfc Equip	96,330
DAILY COST:	\$109,875
TOTAL WELL COST:	\$365,227

Max TP <u> </u> Max Rate <u> </u> Total fluid pmpd: <u> </u>	
Avg TP <u> </u> Avg Rate <u> </u> Total Prop pmpd: <u> </u>	
ISIP <u> </u> 5 min <u> </u> 10 min <u> </u> 15 min <u> </u>	
Completion Supervisor: <u>Brad Mecham</u>	

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5019'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 143' balance plug using 17 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 344'
6. Plug #4 Circulate 97 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

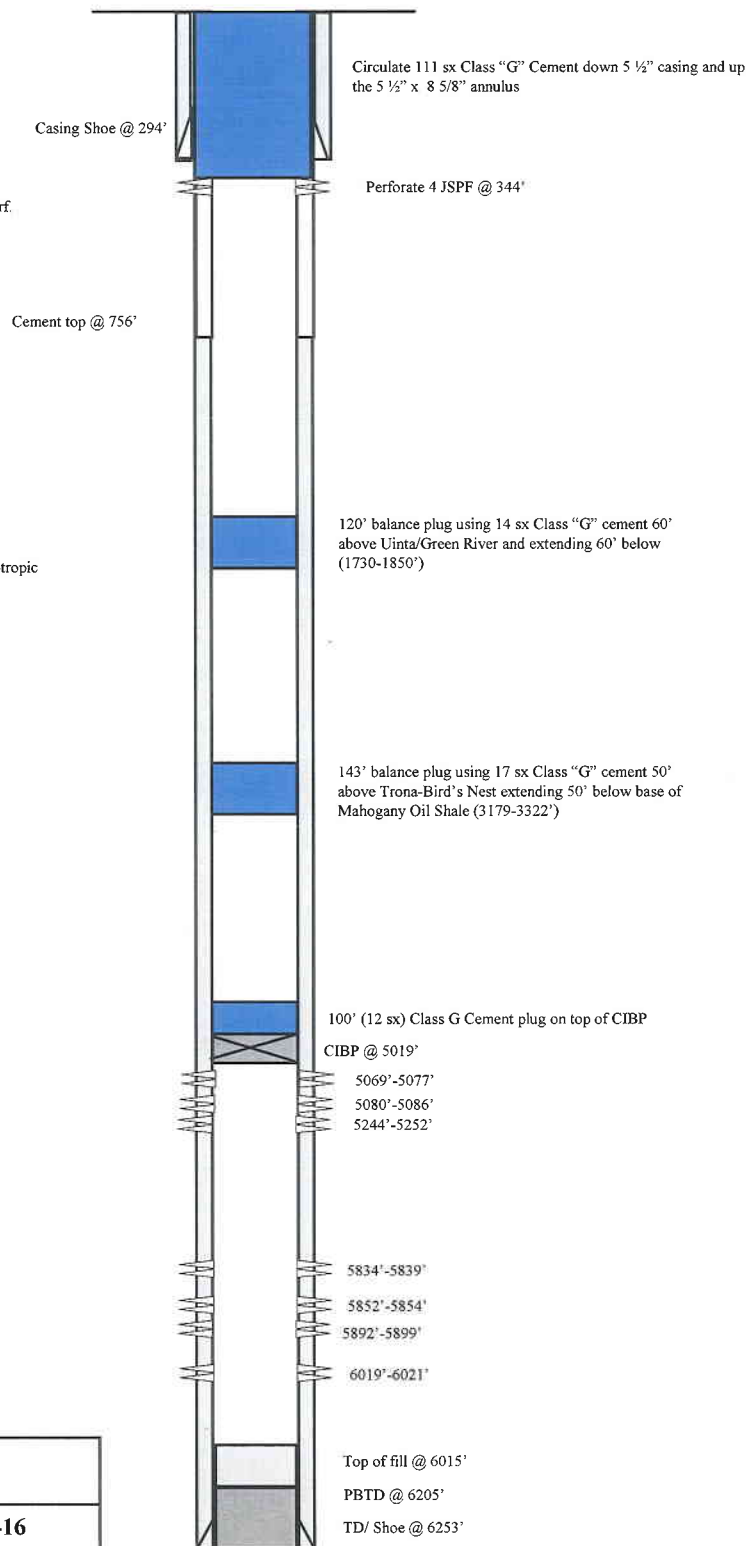
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

Proposed P&A Wellbore Diagram



Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

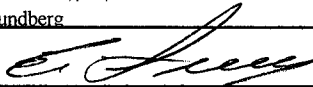
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature



Title

Regulator Analyst

Date

02/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAR. 08 2010

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-1J-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**HAWKEYE 14-23-8-16, MONUMENT BUTTE 4-26-8-16, MONUMENT BUTTE FEDERAL 10-26-8-16,
MONUMENT BUTTE FEDERAL 1-14-9-16, MONUMENT FEDERAL 32-1J-9-16, SOUTH WELLS
DRAW FEDERAL 2-3-9-16, SOUTH WELLS DRAW FEDERAL 8-3-9-16, JONAH FEDERAL 4-11-9-16,
JONAH UNIT 4-12-9-16, FEDERAL 1-23-9-16.**

Cause No. UIC-363

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

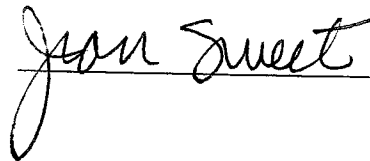
Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

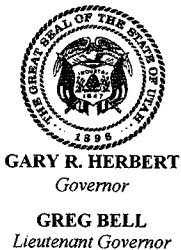
SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818



From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 3/26/2010 11:33 AM
Subject: UIC 363

Jean,
Notice of Agency Action UIC 363 will publish on March 30th.
Thank you,

--
Bonnie Parrish
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
(435) 722-5131
(435) 722-4140 Fax
bonnie@ubstandard.com



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000561251-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	dianeholland@utah.gov	Jean Sweet	jvaldez

Total Amount	\$250.28			
Payment Amt	\$0.00			
Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	20100325	

Confirmation Notes:

Text:

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product	Placement
Salt Lake Tribune::	Legal Liner Notice - 0998

Scheduled Date(s): 03/30/2010

Product	Placement
Deseret News::	Legal Liner Notice - 0998

Scheduled Date(s): 03/30/2010

Product	Placement
sltrib.com::	Legal Liner Notice - 0998

Scheduled Date(s): 03/30/2010

Product	Placement
utahlegals.com::	utahlegals.com

Scheduled Date(s): 03/30/2010

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/Gil Hunt
Associate Director
561251

UPAXLP

From: "Valdez-Carruther, Justina" <jvaldez@mediaoneutah.com>
To: <JSWEET@utah.gov>
Date: 3/26/2010 12:05 PM
Subject: 20100325
Attachments: OrderConf.pdf

MAR 30



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX ID.# 87-0217663

The Salt Lake Tribune

MEDIAOne
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/31/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000561251 /	
SCHEDULE			
Start 03/30/2010		End 03/30/2010	
CUST. REF. NO.			
20100325			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
73 Lines		2.00 COLUMN	
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		250.28	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-0-26-8-16 well located in NW/4 SE/4, Section 23, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Associate Director
561251

UPAXLP

AFFIDAVIT OF PUBLICATION

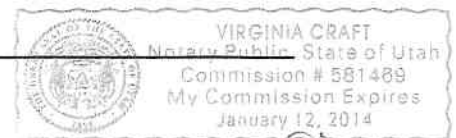
AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 03/30/2010 End 03/30/2010

SIGNATURE

DATE

3/31/2010



Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

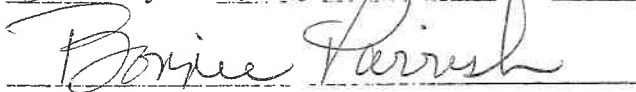
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of March, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of March, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



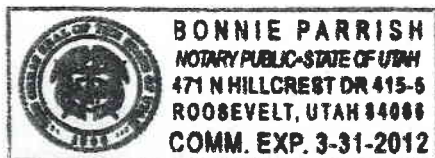
Publisher

Subscribed and sworn to before me this

30 day of March, 20 10



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-363

BEFORE THE DIVI-
SION OF OIL, GAS AND
MINING

DEPARTMENT OF
NATURAL RESOURC-
ES

STATE OF UTAH
IN THE MATTER OF
THE APPLICATION
OF NEWFIELD PRO-
DUCTION COMPANY
FOR ADMINISTRATIVE APPROVAL OF
CERTAIN WELLS LO-
CATED IN SECTIONS
23 AND 26, TOWNSHIP
8 SOUTH, RANGE 16
EAST; SECTIONS 1, 3,
11, 12 AND 23, TOWN-
SHIP 9 SOUTH, RANGE
16 EAST; DUCHESNE
COUNTY, UTAH, AS
CLASS II INJECTION
WELLS.

THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given
that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing
an informal adjudicative
proceeding to consider the
application of Newfield
Production Company
for administrative ap-
proval of the following
wells located in Duchesne
County, Utah, for conver-
sion to Class II injection
wells:

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-11-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 2-3-9-16 well located
in NW/4 NE/4, Section 3,
Township 9 South, Range

Dated this 25th day of
March, 2010:
STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
/s/
Gil Hunt
Associate Director
Published in the Uintah
Basin Standard March 30,
2010.

and sworn to before me this

f March, 20 10

ie Parrish

Notary Public

BONNIE PARRISH
NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-S
ROOSEVELT, UTAH 84008
COMM. EXP. 3-31-2012

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-1J-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 8-3-9-16 well located
in SE/4 NE/4, Section 3,
Township 9 South, Range
16 East Jonah Federal 4-
11-9-16 well located in
NW/4 NW/4, Section 11,
Township 9 South, Range
16 East

Jonah Unit 4-12-9-16
well located in NW/4
NW/4, Section 12, Town-
ship 9 South, Range 16
East

Federal 1-23-9-16 well
located in NE/4 NE/4,
Section 23, Township 9
South, Range 16 East

The proceeding will
be conducted in accord-
ance with Utah Admin.
R649-10, Administrative
Procedures.

Selected zones in the
Green River Formation
will be used for water
injection. The maximum
requested injection pres-
sures and rates will be
determined based on frac-
ture gradient information
submitted by Newfield
Production Company.

Any person desiring to
object to the application
or otherwise intervene in
the proceeding, must file a
written protest or notice of
intervention with the Di-
vision within fifteen days
following publication of
this notice. The Division's
Presiding Officer for the
proceeding is Gil Hunt,
Associate Director, at P.O.
Box 145801, Salt Lake
City, UT 84114-5801,
phone number (801) 538-
5340. If such a protest or
notice of intervention is
received, a hearing will be
scheduled in accordance
with the aforementioned
administrative procedural
rules. Protestants and/or
interveners should be
prepared to demonstrate

Dated this 25th day of
March, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 30,
2010.

Monument Butte Fed. NE 10-26-8-16
page 2

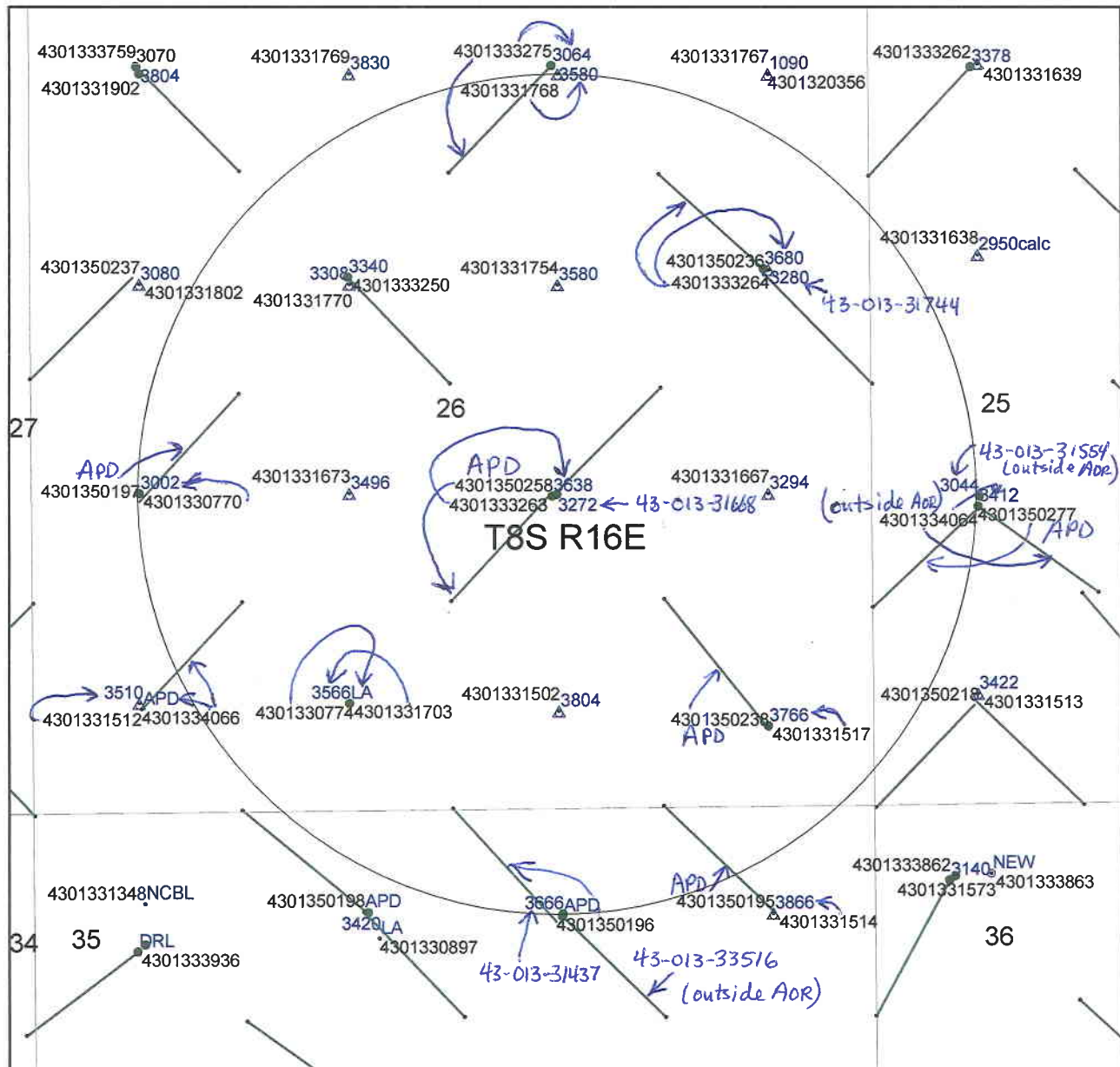
Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 4/6/2010



MONUMENT BUTTE FEDERAL NE 10-26-8-16

API #43-013-31668

UIC-363.4

Legend

Buffer_of_Wells-CbllopeMaster4_27_10

SGID93.ENERGY.DNROIIGasWells

- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- NEW LOCATION
- ✱ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- SHUT-IN OIL
- ✱ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- WATER SUPPLY
- ✱ WATER DISPOSAL
- ✱ DRILLING
- ▲ RETURNED GAS
- ▲ RETURNED OIL
- ✱ GAS INJECTION SI
- ▲ WATER DISP. SUSP.
- ✱ WATER INJ. SUSP.
- Wells-CbllopeMaster4_27_10
- SGID93.ENERGY.DNROIIGasWells_HDBottom
- SGID93.ENERGY.DNROIIGasWells_HDBPath

0 0.16 Miles

1870calc = approx cement top calculated from well completion report





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 3, 2010

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Butte Federal NE 10-26-8-16, Section 26, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31668

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte





March 15, 2011

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Monument Butte Federal 10-26-8-16
API # 43-013-31668

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucy Chavez-Naupoto".

Lucy Chavez-Naupoto
Water Services Technician

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-34346
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1973 FSL 1992 FEL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED NE 10-26
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E		9. API NUMBER: 4301331668
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

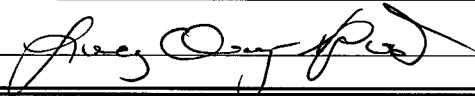
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/10/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Water Services Technician</u>
SIGNATURE 	DATE <u>03/15/2011</u>

(This space for State use only)

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Nauboto

Signature

Title

Water Services Technician

Date

03/15/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
MAR 21 2011

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: WADE DAVIS Date 3/10/11 Time 9:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u>	Field: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u> UTU 87538X
Well Location: <u>MONUMENT BUTTE FEDERAL</u>	API No: _____
<u>NW/SE SEC 26 T8S R16E</u>	<u>43-013-31668</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1260</u>	psig
5	<u>1260</u>	psig
10	<u>1260</u>	psig
15	<u>1260</u>	psig
20	<u>1260</u>	psig
25	<u>1260</u>	psig
30 min	<u>1260</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

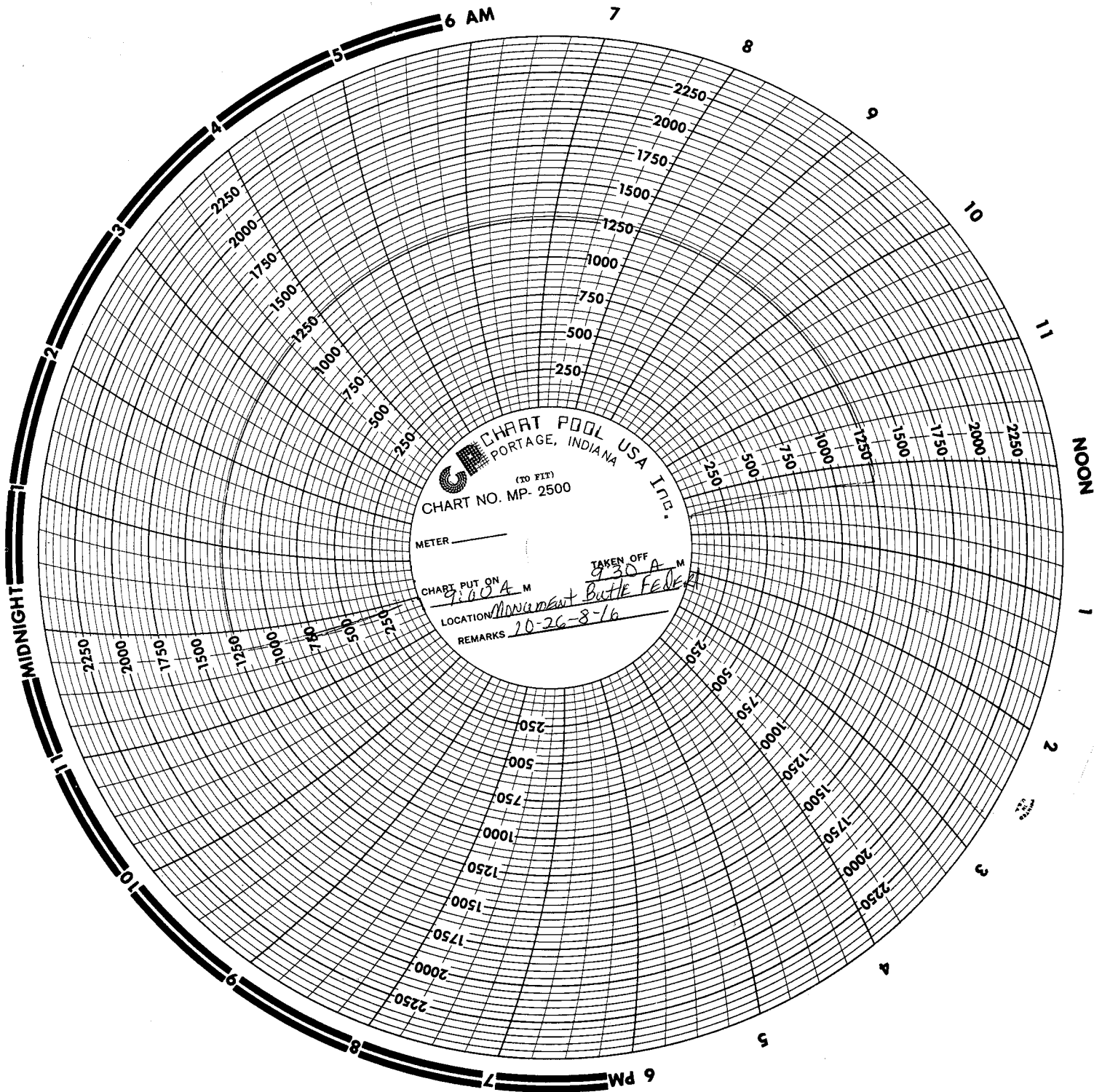
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

David Cloward



Daily Activity Report**Format For Sundry****MON BT NE 10-26-8-16****1/1/2011 To 5/30/2011****3/3/2011 Day: 1****Conversion**

WWS #7 on 3/3/2011 - MIRU Western rig #7. LD rod string & pump. NU BOP & tag fill. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$20,377**3/4/2011 Day: 2****Conversion**

WWS #7 on 3/4/2011 - TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

Daily Cost: \$0**Cumulative Cost:** \$22,053**3/11/2011 Day: 3****Conversion**

Rigless on 3/11/2011 - Conversion MIT - On 3/8/2011 Dennis Ingram with the State of Utah

DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 - On 3/8/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$47,373

Pertinent Files: [Go to File List](#)

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Monument Butte Federal NE 10-26-8-16

Location: 26/8S/16E **API:** 43-013-31668

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 294 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,253 feet. A cement bond log demonstrates adequate bond in this well up to 3,272 feet. A 2 7/8 inch tubing with a packer will be set at 5,027 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 1 shut-in well, and 6 injection wells entirely within the area of review (AOR). There is also 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. In addition, there are currently 3 permitted surface locations outside the AOR from which wells will be directionally drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 300 feet. Injection shall be limited to the interval between 4,365 feet and 6,253 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-26-8-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,062 psig. The requested maximum pressure is 2,062 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-363

Operator: Newfield Production Company
Well: Monument Butte Federal NE 10-26-8-16
Location: Section 26, Township 8 South, Range 16 East
County: Duchesne
API No.: 43-013-31668
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 3, 2010.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,365' – 6,253')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

4/7/2011
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-34346

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

8. WELL NAME and NUMBER:

MONUMENT BUTTE FED NE 10-26

9. API NUMBER:

4301331668

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1973 FSL 1992 FEL

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>05/11/2011</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

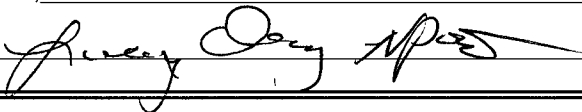
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 3:00 PM on 05/11/2011.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/12/2011

(This space for State use only)

RECEIVED

MAY 19 2011

DIV. OF OIL, GAS & MINING



March 2, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Butte Federal #10-26-8-16
Monument Butte Field, Lease #U-34346
Section 26-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

MAR 08 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT BUTTE FEDERAL ^{NE} #10-26-8-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #U-34346

March 2, 2010

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #10-26-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – HAWKEYE #G-26-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #7-26
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #2-26-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – HAWKEYE FEDERAL #I-26-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #H-26-8-16
ATTACHMENT E-6	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #12-25-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #6-26-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #8-26-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #M-26-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – HAWKEYE FEDERAL #L-26-8-16
ATTACHMENT E-11	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #11-26-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #9-26
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE 14-26-8-16
ATTACHMENT E-14	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #15-26-8-16
ATTACHMENT E-15	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #16-26-8-16
ATTACHMENT E-16	WELLBORE DIAGRAM – BOLL WEEVIL FEDERAL #26-13-8-16
ATTACHMENT E-17	WELLBORE DIAGRAM – FEDERAL #2A-35-8-17
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 12/10/96 – 12/22/96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #10-26-8-16
Field or Unit name: Monument Butte (Green River) Lease No. U-34346
Well Location: QQ NWSE section 26 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
 Disposal? Yes ☐ No ☒
 Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

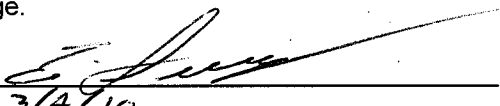
Date of test: _____
API number: 43-013-31668

Proposed injection interval: from 4365 to 6253
Proposed maximum injection: rate 500 bpd pressure 2062 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 3/4/10
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

Proposed Injection Wellbore Diagram

Cement top @ 756'

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LDC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bbls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.
07/09/03 Parted Rods. Update rod detail.
03/01/05 Pump change. Updated rod detail.

Packer @ 5027'
5069'-5077'
5080'-5086'
5244'-5252'

5834'-5839'
5852'-5854'
5892'-5899'
6019'-6021'

Top of fill @ 6015'
PBTB @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL

NWSE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31668; Lease #U-34346

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Federal #10-26-8-16 well, the proposed injection zone is from Garden Gulch to TD (4365' - 6253'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 4038' and the TD is at 6253'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal #10-26-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 **A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 **A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 **An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 **Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 **Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-34346) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 294' KB, and 5-1/2", 15.5# casing run from surface to 6253' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2062 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Butte Federal #10-26-8-16, for existing perforations (5069' - 6021') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2062 psig. We may add additional perforations between 4038' and 6253'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Butte Federal #10-26-8-16, the proposed injection zone (4365' - 6253') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-17.

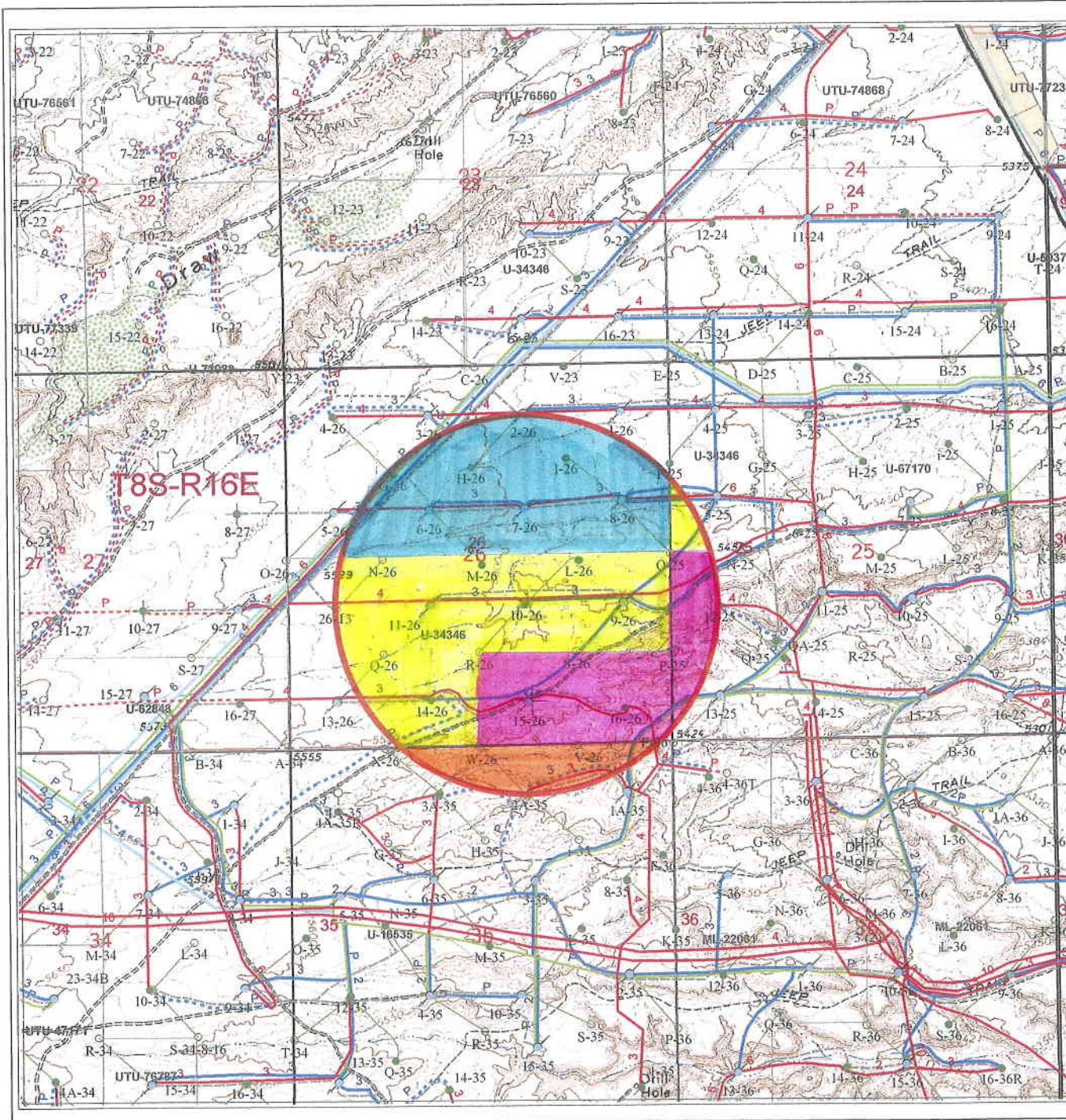
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊙ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- Leases
 - Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - 10-26-8-16 1/2mile radius

U-3434U
 U-73088
 U-10535
 U-67170

Attachment A

Monument Butte Fed NE 10-26
Section 26, T8S-R16E



1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

December 21, 2009

T8S, R16E, S.L.B.&M.

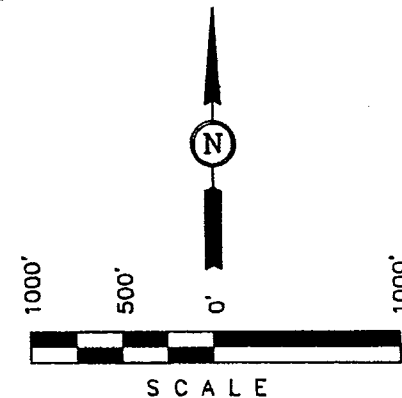
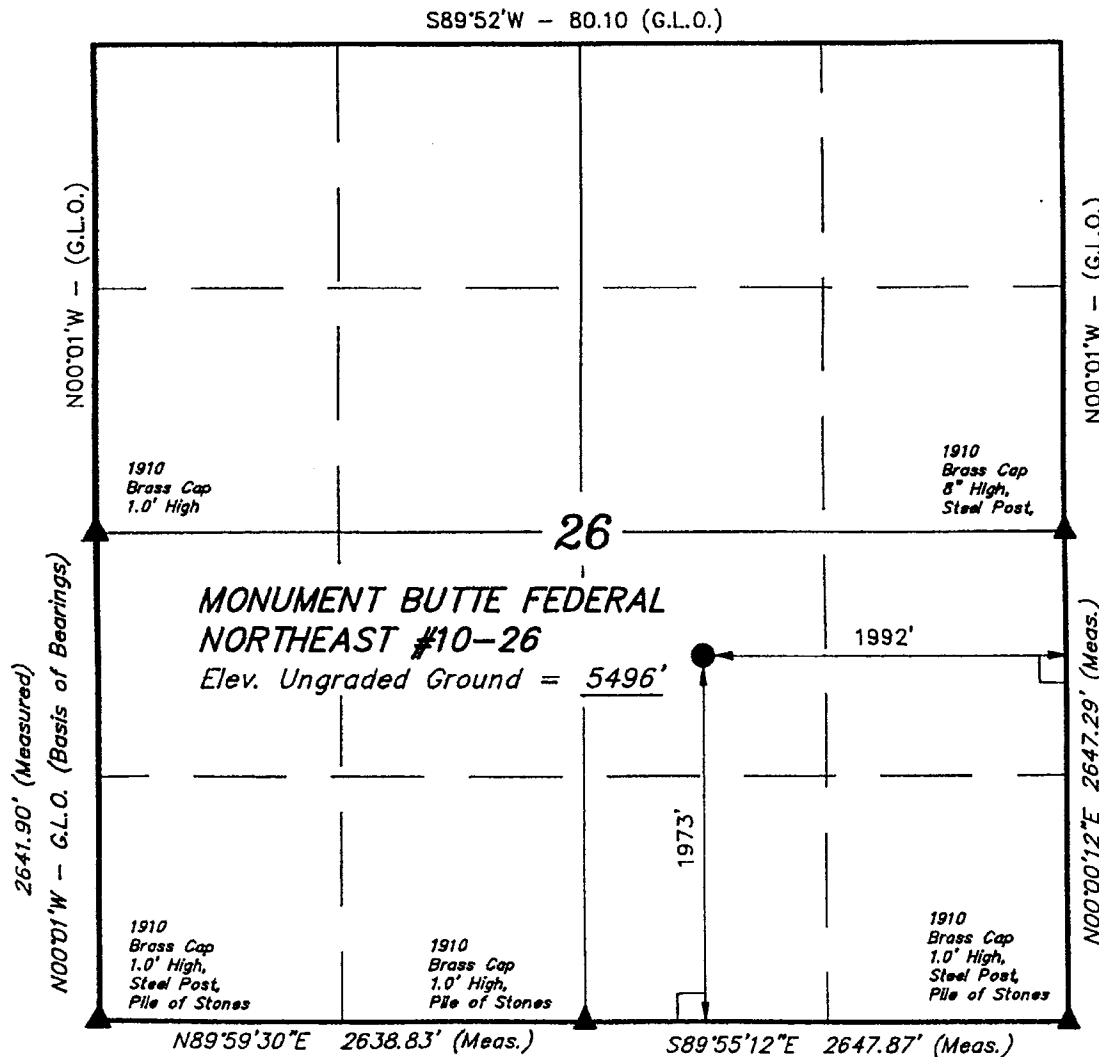
INLAND PRODUCTION CO.

Well location, MONUMENT BUTTE FEDERAL
NORTHEAST #10-26, located as shown in
the NW 1/4 SE 1/4 of Section 26, T8S,
R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION
26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5555 FEET.

Attachment A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-15-96	DATE DRAWN: 5-17-96
PARTY J.F. D.G. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO	

EXHIBIT B

Page 1 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 23: SE Section 25: W2NW Section 26: SW, N2SE	U-34346 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Citation 1994 Investment LP 8223 Willow Place #250 Houston, TX 77070	(Surface Rights) USA
2.	<u>Township 8 South, Range 16 East</u> Section 22: SE Section 23: SW Section 26: N2 Section 27: NE, S2NW, N2S2	U-73088 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 8 South, Range 16 East</u> Section 35: ALL Section 34: NE, N2SE, SESE	U-16535 HBP	Newfield Production Company 1001 17 th St Suite 2000 Denver, Co 80202 AGK Energy LLC. 624 Wellesley Dr. Houston, TX 77024	(Surface Rights) USA

EXHIBIT B

Page 2

of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
---	------------------	---------------------------------	-----------------------	----------------

Raymond H. Brennan
 104 Lee Lane
 Bellville, TX 77418
 Marian Brennan
 104 Lee Lane
 Bellville, TX 77418
 Davis Bros LLC
 Davis Resources
 110 West 7th St. Suite 1000
 Tulsa, OK 74119
 Deer Valley Ltd
 800 Bering Drive #305
 Houston TX 77057
 International Drilling Inc
 7710-T Cherry Park PMB 503
 Houston, TX 77095
 Thomas I Jackson
 7710-T Cherry Park PMB 503
 Houston, TX 77095

EXHIBIT B

Page 3 of 3

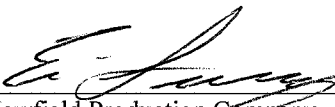
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Beverly Sommer 1025 Crescent Drive Beverly Hills, CA 90210 Texas General Offshore 7710-T Cherry Park PMB 503 Houston, TX 77095 Jasper Warren 17350 State Highway 249 Suite 140 Houston, TX 77064-1140	
4.	<u>Township 8 South, Range 16 East</u> Section 24: S2 Section 25: NE, E2NW, S2 Section 26: S2SE	U-67170 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Butte Federal #10-26-8-16

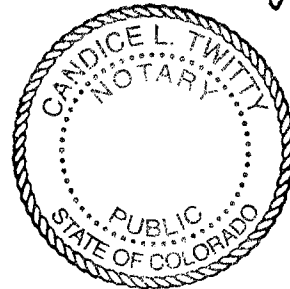
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 4th day of March, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 2-6' x 7/8" pony rod, 100 - 7/8" scraped rods, 94 - 3/4" plain rods, 34 - 3/4" scraped rods, 6-1 1/2" weighted rods
PUMP SIZE: 2 1/2" x 1 3/4" x 16" RHAC pump
STROKE LENGTH: 78"
PUMP SPEED, SPM: 7 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LODC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bbls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.
07/09/03 Parted Rods. Update rod detail.
03/01/05 Pump change. Updated rod detail.

Cement top @ 756'

SN @ 5887'

Anchor @ 5822'

5834'-5839'

5852'-5854'

5892'-5899'

EOT @ 5919'

6019'-6021'

Top of fill @ 6015'

PBTD @ 6205'

TD/ Shoe @ 6253'

PERFORATION RECORD

12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL

NWSE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31668; Lease #U-34346

Hawkeye G-26-8-16

Spud Date: 2/27/2009
 Put on Production: 9/29/2009
 GL: 5526' KB: 5538'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (')
 DEPTH LANDED: 337' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts (6581.26')
 DEPTH LANDED: 6639.62'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sx Prem Lite II and 480 sx 50/50 poz
 CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 201 jts (6378")
 TUBING ANCHOR: 6390' KB
 NO. OF JOINTS: 2 jts (63.2")
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6456' KB
 NO. OF JOINTS: 1 jt (31.1')
 TOTAL STRING LENGTH: EOT @ 6489'

SUCKER RODS

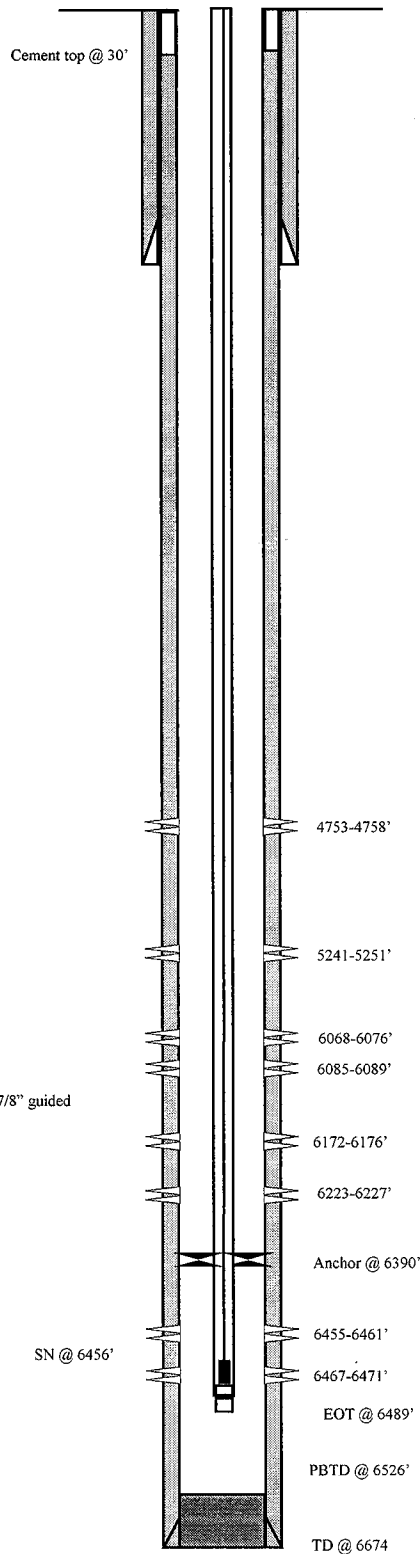
POLISHED ROD: 1 1/2" x 30'
 SUCKER RODS: 1 - 8' x 7/8", 2 - 8' x 7/8" pony rods; 253 - 7/8" guided rods; 4 - 1 1/2" weight bars..
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC
 STROKE LENGTH: 144"
 PUMP SPEED, SPM: 5

FRAC JOB

9/30/2009 6455-6471' Frac CP5 sands as follows: Frac with 71119# 20/40 sand in 306 bbls of Lightning 17 fluid.
 9/30/2009 6172-6227' Frac CP1 and CP2 sands as follows: Frac with 30607# 20/40 sand in 179 bbls of Lightning 17 fluid.
 9/30/2009 6068-6089' Frac LODC sands as follows: Frac with 76814# 20/40 sand in 325 bbls of Lightning 17 fluid..
 9/30/2009 5241-5251' Frac D1 sands as follows: Frac with 70922# 20/40 sand in 297 bbls of Lightning 17 fluid.
 9/30/2009 4753-4758' Frac GB6 sands as follows: Frac with 16084# 20/40 sand in 104 bbls of Lightning 17 fluid.

PERFORATION RECORD

6467-6471'	3 JSPF	12 holes
6455-6461'	3 JSPF	18 holes
6223-6227'	3 JSPF	12 holes
6172-6176'	3 JSPF	12 holes
6085-6089'	3 JSPF	12 holes
6068-6076'	3 JSPF	24 holes
5241-5251'	3 JSPF	30 holes
4753-4758'	3 JSPF	15 holes

**Hawkeye G-26-8-16**

SL: 673' FNL & 679' FWL (NW/NW)
 BHL: 1322' FNL & 1321' FWL (NW/NW)
 Section 26, T8S, R16E
 Duchesne Co, Utah
 API # 43-013-33759; Lease # UTU-73088

Spud Date: 3/22/97
 Put on Production: 4/10/97
 Put on Injection: 3/18/98
 GL: 5493' KB: 5506'

Monument Butte Fed. NE 7-26

Initial Production: 159 BOPD,
 189 MCFPD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 291.93' (7 jts.)
 DEPTH LANDED: 290.43' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 100 sxs Premium cmt.

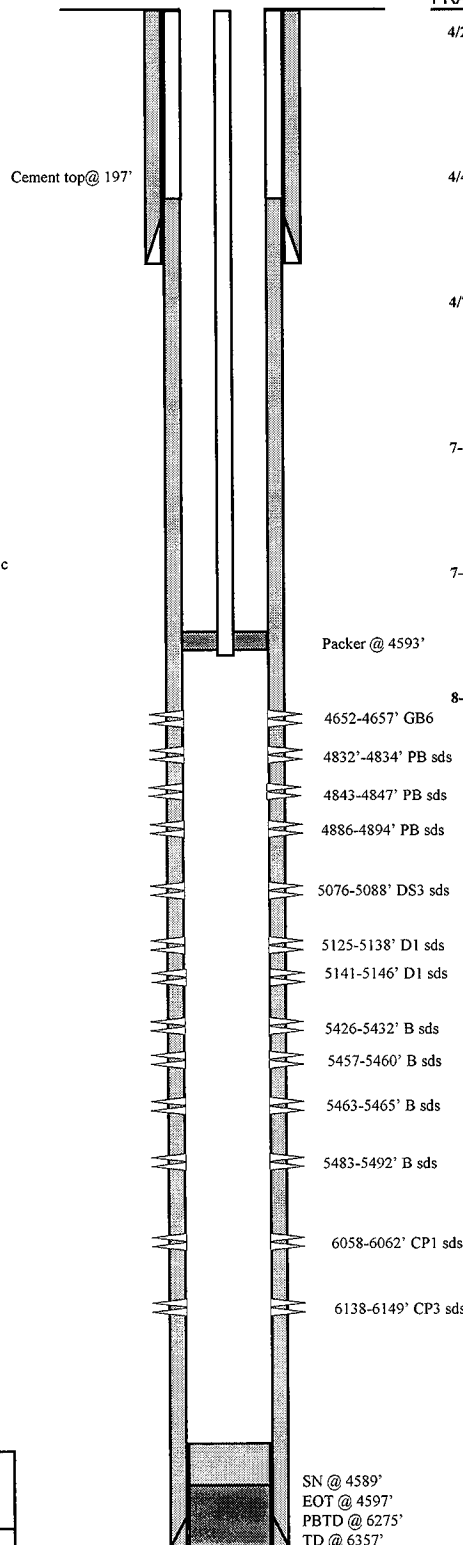
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6350.25')
 DEPTH LANDED: 6348'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 385 sk Hibond mixed & 395 sxs thixotropic
 CEMENT TOP AT: 197' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 147 jts 4575.68' KB
 SEATING NIPPLE: 4588.68' KB
 PACKER: Set @ 4593.03' KB
 TOTAL STRING LENGTH: EOT @ 4597.35' KB

Injection Wellbore Diagram



FRAC JOB

4/2/97 5426'-5492' **Frac B-1 & B-2 sands as follows:**
 97,200# of 20/40 sand in 497 bbls of Boragel. Perfs broke @ 3446 psi. Treated @ avg rate of 26.5 bpm w/avg press of 1950 psi. ISIP-2090 psi, 5-min 1936 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

4/4/97 5125'-5146' **Frac D-1 sand as follows:**
 101,300# of 20/40 sand in 495 bbls of Boragel. Perfs broke @ 2006 psi. Treated @ avg rate of 25 bpm w/avg press of 1820 psi. ISIP-2280, 5-min 2201. Flowback on 12/64" ck for 2-1/2 hours and died.

4/7/97 4832'-4894' **Frac PB-10 & PB-11 sands as follows:**
 91,500# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 2138 psi. Treated at avg rate of 24.5 bpm w/avg press of 2400 psi. ISIP-2739 psi, 5-min 2548 psi. Flowback on 12/64" ck for 5 hours and died.

7-29-05 6058-6149' **Recompletion Frac CP3 & CP1 sands as follows:** 19,078#s of 20/40 sand in 197 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3974 psi. with avg rate of 14 bpm. ISIP-2200 psi, Calc. flush 1566 gals. Actual flush 1428 gals.

7-29-05 4652-4657' **Recompletion Frac GB6 sands as follows:** 15,181#s of 20/40 sand in 157 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3482 psi. with avg rate of 14.1 bpm. ISIP-2100 psi, Calc. flush 1266 gals. Actual flush 1134 gals.

8-17-05 **MIT completed.**

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
4/1/97	5426'-5432'	4 JSPF	24 holes
4/1/97	5457'-5460'	4 JSPF	12 holes
4/1/97	5463'-5465'	4 JSPF	8 holes
4/1/97	5483'-5492'	4 JSPF	36 holes
4/3/97	5125'-5138'	4 JSPF	52 holes
4/3/97	5141'-5146'	4 JSPF	20 holes
4/5/97	4832'-4834'	4 JSPF	8 holes
4/5/97	4843'-4847'	4 JSPF	16 holes
4/5/97	4886'-4894'	4 JSPF	32 holes
7-28-05	6058-6062'	4 JSPF	16 holes
7-28-05	6138-6149'	4 JSPF	44 holes
7-28-05	5076-5088'	4 JSPF	48 holes
7-28-05	4652-4657'	4 JSPF	20 holes

NEWFIELD

Monument Butte Federal NE #7-26
 1984 FEL & 1984 FNL
 SWNE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31754; Lease #U-73088

Monument Butte Federal NE #2-26-8-16

Spud Date: 4/25/97
 Put on Production: 5/31/97
 GL: 5489' KB: 5502'

Initial Production: 44 BOPD,
 95 MCFPD, 26 BWPD

SURFACE CASING

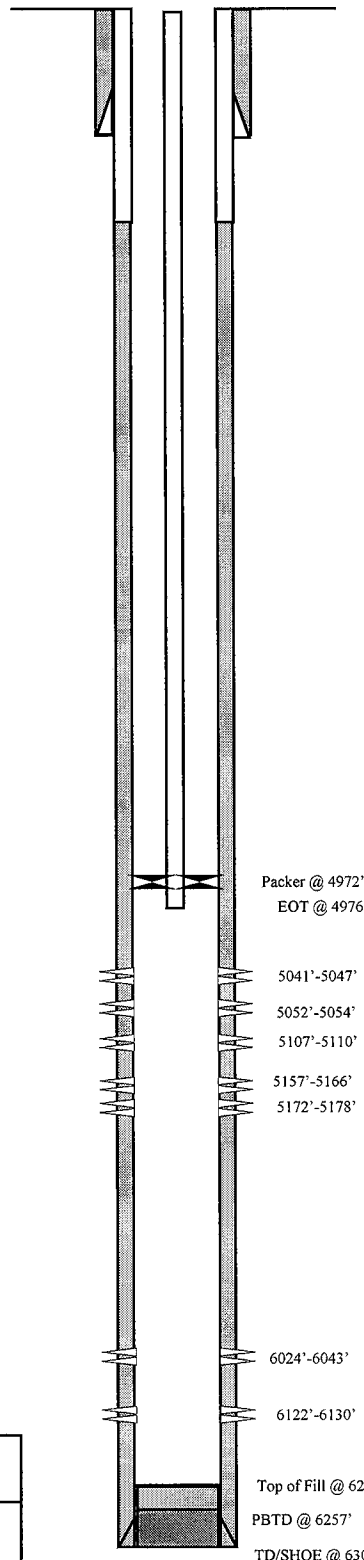
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (291.19')
 DEPTH LANDED: 289.25' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, w/16 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6263.59')
 DEPTH LANDED: 6301.84'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sk Hibond mixed & 405 sxs thixotropic
 CEMENT TOP AT: 785' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 159 jts. (4955.91')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4967.91'
 TOTAL STRING LENGTH: 4976.41'

Injection Wellbore
Diagram**FRAC JOB**

5/21/97 6024'-6130' **Frac LODC & CP-1 sands as follows:**
 150,100# of 20/40 sand in 745 bbls of Boragel. Perfs broke @ 339 psi. Treated @ avg rate of 35.5 bpm w/avg press of 2450 psi. ISIP-3491 psi, 5-min 2538 psi. Flowback on 12/64" ck for 5 hours and died.

5/23/97 5157'-5178' **Frac D-1 sand as follows:**
 117,500# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 1871 psi. Treated @ avg rate of 28.5 bpm w/avg press of 1500 psi. ISIP-1982 psi, 5-min 1670 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/27/97 5041'-5110' **Frac D-S1 & D-S3 sands as follows:**
 53,000# of 20/40 sand in 278 bbls of Boragel. Perfs broke @ 2309 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Screened out w/10 # sand in perfs, 536 gal left to flush. ISIP- 3875 psi, 5-min 2826 psi. Flowback on 12/64" ck for 2 hours and died.

03/12/02 Tubing leak. Update rod and tubing details.
 12/09/02 Tubing leak. Update rod and tubing details.
 06/04/04 Stuck Plunger. Update rod details
 03/17/05 Tubing leak. Update tubing and rod detail
 08/14/06 Tubing Leak. Update rod and tubing details.
 1/22/08 **Well converted to an Injection well.**
 2/11/08 **MIT completed and submitted.**

PERFORATION RECORD

5/20/97	6122'-6130'	4 JSPF	32 holes
5/20/97	6024'-6043'	4 JSPF	76 holes
5/22/97	5172'-5178'	4 JSPF	24 holes
5/22/97	5157'-5166'	4 JSPF	36holes
5/24/97	5107'-5110'	4 JSPF	12 holes
5/24/97	5052'-5054'	4 JSPF	8 holes
5/24/97	5041'-5047'	4 JSPF	24 holes

**Monument Butte Federal NE #2-26-8-16**

660 FNL & 1980 FEL
 NW/NE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31768; Lease #UTU-73088

HAWKEYE FEDERAL I-26-8-16

Spud Date: 05/11/07
Put on Production: 07/12/07
GL: 5474' KB: 5486'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (314-06')
DEPTH LANDED: 324.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6702.17')
DEPTH LANDED: 6700.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 204 jts (6389.14')
TUBING ANCHOR: 6401.14' KB
NO. OF JOINTS: 2 jts (63.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6467.09' KB
NO. OF JOINTS: 2 jts (63.28')
TOTAL STRING LENGTH: EOT @ 6531.92' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2' x 7/8" polished rods, 254-7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 2" x 24' x 24' RHAC
STROKE LENGTH: 168"
PUMP SPEED, 5 SPM:

FRAC JOB

07/06/07 6418-6464' **Frac CP5&BS sands as follows:**
70406# 20/40 sand in 700 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 25.4 BPM. ISIP 2365 psi. Calc flush: 6416 gal. Actual flush: 5897 gal.

07/06/07 6260-6333' **Frac CP3&4 sands as follows:**
70451# 20/40 sand in 629 bbls Lightning 17 frac fluid. Treated @ avg press of 2207 psi w/avg rate of 25.7 BPM. ISIP 2404 psi. Calc flush: 6258 gal. Actual flush: 5670 gal.

07/06/07 5550-5558' **Frac B2 sands as follows:**
40136# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 1822 psi w/avg rate of 25.9 BPM. ISIP 2190 psi. Calc flush: 5548 gal. Actual flush: 5040 gal.

07/06/07 5382-5394' **Frac C sands as follows:**
50193# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 1691 psi w/avg rate of 25.9 BPM. ISIP 1775 psi. Calc flush: 5380 gal. Actual flush: 4876 gal.

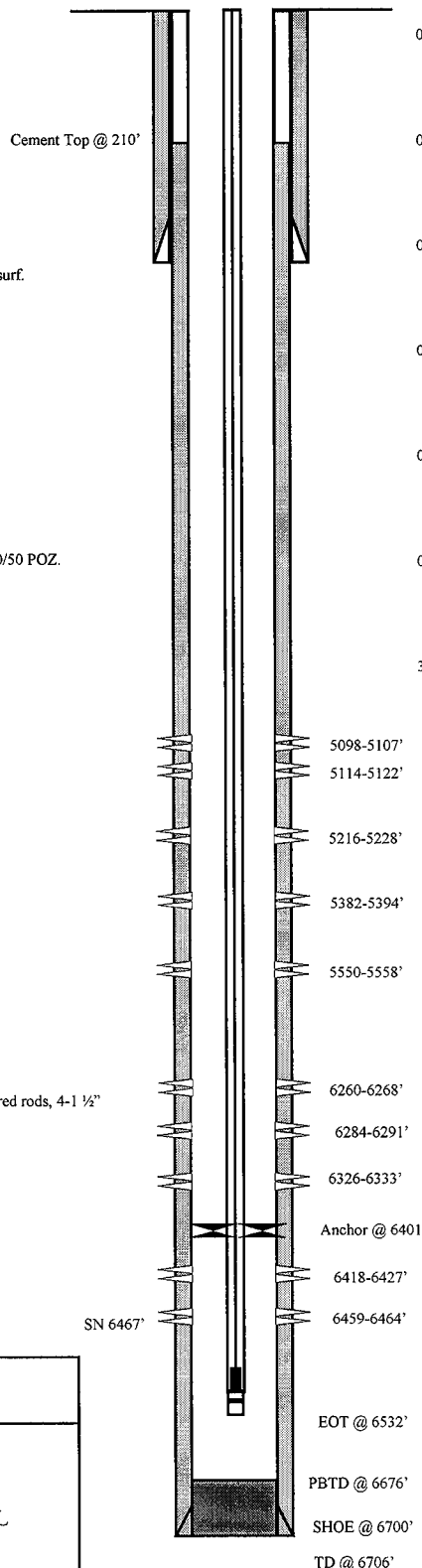
07/06/07 5216-5228' **Frac D1 sands as follows:**
80008# 20/40 sand in 649 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 25.8 BPM. ISIP 2008 psi. Calc flush: 5214 gal. Actual flush: 4700 gal.

07/07/07 5098-5122' **Frac DS1 sands as follows:**
63558# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 25.6 BPM. ISIP 2008 psi. Calc flush: 5096 gal. Actual flush: 5052 gal.

3/17/09 Unit Upgrade.

PERFORATION RECORD

07/06/07	6459-6464'	4 JSPF	20 holes
07/06/07	6418-6427'	4 JSPF	36 holes
07/06/07	6326-6333'	4 JSPF	28 holes
07/06/07	6284-6291'	4 JSPF	28 holes
07/06/07	6260-6268'	4 JSPF	32 holes
07/06/07	5550-5558'	4 JSPF	32 holes
07/06/07	5382-5394'	4 JSPF	48 holes
07/06/07	5216-5228'	4 JSPF	48 holes
07/06/07	5114-5122'	4 JSPF	32 holes
07/06/07	5098-5107'	4 JSPF	36 holes

**HAWKEYE FEDERAL I-26-8-16**

At Surface: 1911' FNL & 668' FEL

At Producing Zone: 1324' FNL & 1323' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-33264; Lease # UTU-73088

Federal H-26-8-16

Spud Date: 3-8-07
Put on Production: 5-10-07
GL: 5489' KB: 5501'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.11')
DEPTH LANDED: 324.96' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6698.57')
DEPTH LANDED: 6711.82' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 44'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 203 jts (6392.26')
TUBING ANCHOR: 6404.26' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6438.58' KB
NO. OF JOINTS: 2 jts (63.15')
TOTAL STRING LENGTH: EOT @ 6503.28' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8", 6', 2' X 7/8" pony rods, 252- 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC w/SM plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

05-03-07 6439-6454' **Frac CP5 sands as follows:**
70354# 20/40 sand in 577 bbls Lightning 17 frac fluid. Treated @ avg press of 2211 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc flush: 6437 gal. Actual flush: 5964 gal.

05-03-07 6155-6170' **Frac CP1 sands as follows:**
75935# 20/40 sand in 603 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25 BPM. ISIP 2320 psi. Calc flush: 6153 gal. Actual flush: 5670 gal.

05-03-07 5575-5582' **Frac B2 sands as follows:**
20287# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 2263 psi w/avg rate of 25 BPM. ISIP 1947 psi. Calc flush: 5573 gal. Actual flush: 5124 gal.

05-03-07 5411-5434' **Frac C sands as follows:**
14999# 20/40 sand in 487 bbls Lightning 17 frac fluid. Treated @ avg press of 2067 w/ avg rate of 24.6 BPM. ISIP 2175 psi. Calc flush: 5046 gal. Actual flush: 4578 gal.

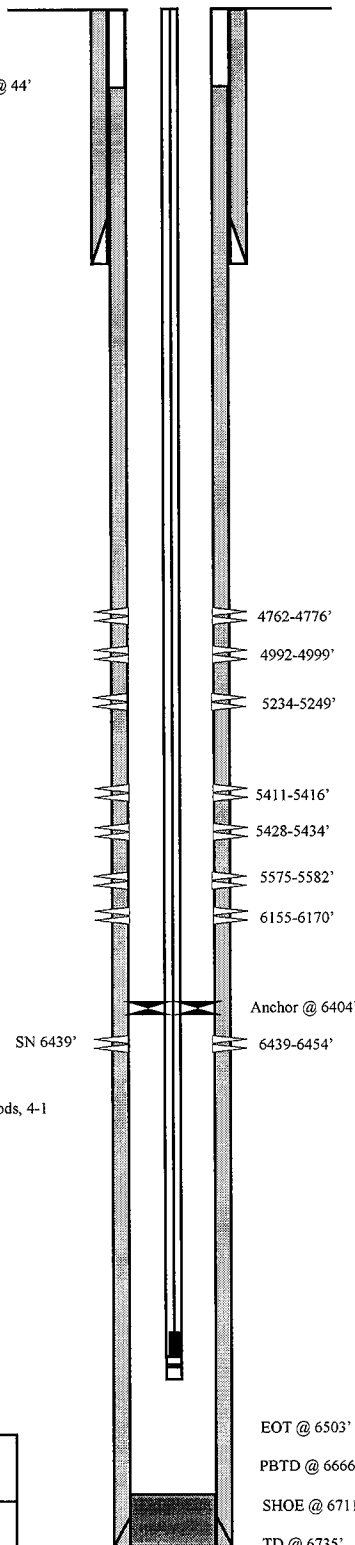
05-03-07 5234-5249' **Frac D1 sands as follows:**
65418# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2013 w/ avg rate of 25 BPM. ISIP 2144 psi. Calc flush: 4232 gal. Actual flush: 4788 gal.

05-03-07 4992-4999' **Frac PB10 sands as follows:**
14861# 20/40 sand in 252 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 w/ avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 4990 gal. Actual flush: 4536 gal

05-04-07 4762-4776' **Frac GB6 sands as follows:**
111279# 20/40 sand in 900 bbls Lightning 17 frac fluid. Treated @ avg press of 2516 w/ avg rate of 25 BPM. ISIP 3324 psi. Calc flush: 4760 gal. Actual flush: 4662 gal.

PERFORATION RECORD

04-26-07	6439-6454'	4 JSPF	60 holes
05-03-07	6155-6170'	4 JSPF	60 holes
05-03-07	5575-5582'	4 JSPF	28 holes
05-03-07	5428-5434'	4 JSPF	24 holes
05-03-07	5411-5416'	4 JSPF	20 holes
05-03-07	5234-5249'	4 JSPF	60 holes
05-03-07	4992-4999'	4 JSPF	28 holes
05-03-07	4762-4776'	4 JSPF	56 holes

**Federal H-26-8-16**

644' FNL & 1995' FEL

NW/NE Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33275; Lease # UTU-73088

Monument Butte Federal 12-25-8-16

Spud Date: 10/19/95
Put on Production: 12/15/1995
GL: 5442' KB: 5455'

Wellbore Diagram

IP: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305)
DEPTH LANDED: 301.97
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6188.91')
DEPTH LANDED: 6186.11'
HOLE SIZE: 7-7/8"
CEMENT DATA: 270 sx HiFill & 340 sx Thrixotropic
CEMENT TOP AT: 360'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5337.86')
TUBING ANCHOR: 5350.86'
NO. OF JOINTS: 3 jts (94.27')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5316.93'
NO. OF JOINTS: 2 jts (63.26')
TOTAL STRING LENGTH: EOT @ 5508.74'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
SUCKER RODS: 2', 4', 8', x 3/4" pony rods, 98-3/4" guided rods, 79-3/4" plain rods, 36-3/4" guided rods (top20 new), 4-1 1/2" K-bars.
PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 12.5' x 15.5' RHAC Axelson pump
STROKE LENGTH: 42"
PUMP SPEED, SPM: 4 SPM

FRAC JOBS

12/08/95 5380'-5418' **Frac B sands as follows:**
63,900# 20/40 sand in 511 bbls Boragel fluid. Treated @ avg pressure of 2100 psi with avg rate of 30 BPM. ISIP 2048 psi.

12/09/95 5221'-5239' **Frac C sands as follows:**
64,000# 20/40 sand in 500 bbls Bora gel. Treated @ avg pressure of 1700 psi with avg rate of 28.5 BPM. ISIP 2052 psi.

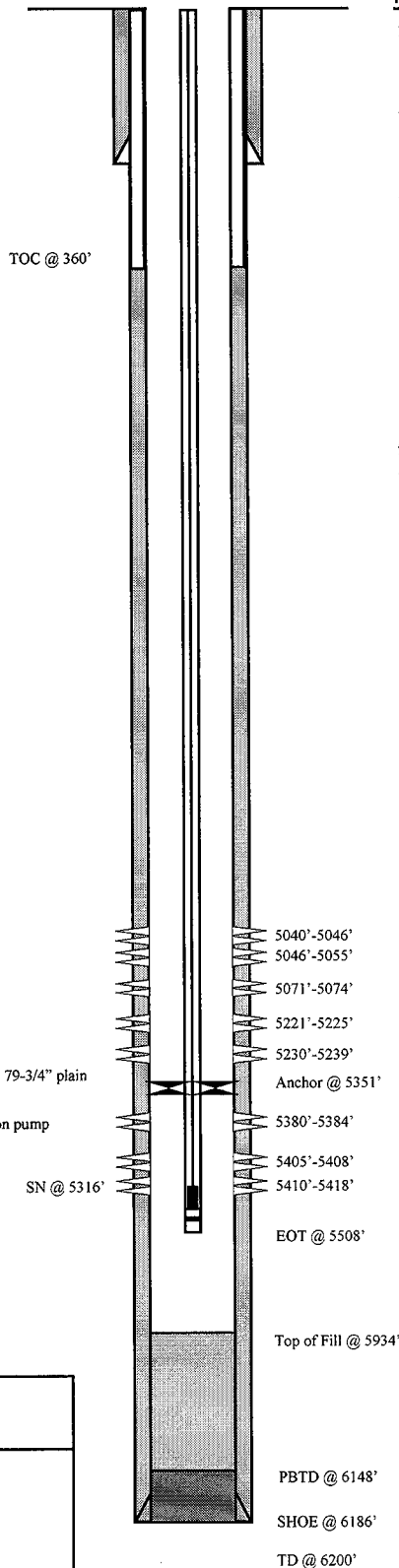
10/30/02 5380'-5418' **Refrac existing B2 sands and frac new B2 sands as follows:**
48,195# 20/40 sand in 376 bbls Viking I-25 fluid. Treated @ avg pressure of 3325 psi with avg rate of 16 BPM. ISIP-2080 psi.
Calc. flush: 1391gals Actual flush: 1302 gals

10/30/02 5040'-5074' **Refrac existing D1 sands and frac new D1 sands as follows:**
48,807# 20/40 sand in 410 bbls Viking I-25 fluid. Treated @ avg pressure of 2100 psi with avg rate of 21 BPM. ISIP-2350 psi.
Calc. flush: 5040 gals Actual flush: 4956 gals

9/9/03
7-15-05
Tubing leak. Update rod and tubing detail.
Pump change: Update rod and tubing detail

PERFORATION RECORD

12/07/95 5410'-5418' 4 JSPF 32 holes
12/07/95 5380'-5384' 4 JSPF 16 holes
12/09/95 5230'-5239' 4 JSPF 36 holes
12/09/95 5221'-5225' 4 JSPF 16 holes
12/12/95 5071'-5074' 4 JSPF 12 holes
12/12/95 5046'-5055' 4 JSPF 36 holes
10/29/02 5405'-5408' 4 JSPF 12 holes
10/29/02 5040'-5046' 4 JSPF 24 holes



NEWFIELD

Monument Butte Federal 12-25-8-16

670' FWL 1901' FSL
NW/SW Section 25-T8S-R16E
Duchesne Co, Utah
API #43-013-31554; Lease #UTU-67170

Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97
Put on Production: 5/1/97
GL: 5510' KB: 5523'

Initial Production: 178 BOPD,
192 MCFPD, 15 BWPD

SURFACE CASING

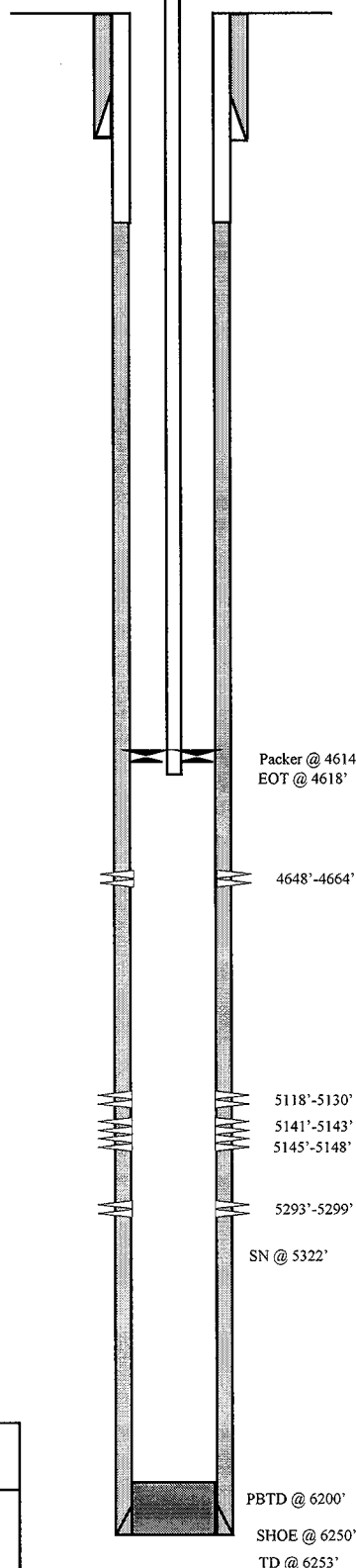
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 292.52' (7 jts.)
DEPTH LANDED: 290.25' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6210.98')
DEPTH LANDED: 6249.89'
HOLE SIZE: 7-7/8"
CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic
CEMENT TOP AT: 664' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 148 jts (4596.26')
TUBING ANCHOR: 4613.53'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 4617.75'
SN LANDED AT: 4609.26'

Injection Wellbore
DiagramFRAC JOB

4/21/97 5293'-5299' **Frac C sand as follows:**
2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sand, 2031 gal of 6-8 PPG of 20/40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand.
4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2/7 bpm w/1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' **Frac D-1 sand as follows:**
92,000# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/avg rate of 25.3 bpm. ISIP-2366, 5-min 2227 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' **Frac GB-6 sand as follows:**
89,400# of 20/40 sand in 456 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/avg press of 2200 psi. ISIP-2818 psi. 5-min 2774 psi. Flowback on 12/64" ck for 4 hours and died.

11/4/08 **Well converted to an Injection Well.**
11/14/08 **MIT completed and submitted.**

PERFORATION RECORD

4/19/97	5293'-5299'	4 JSPF	24 holes
4/24/97	5118'-5130'	4 JSPF	48 holes
4/24/97	5141'-5143'	4 JSPF	8 holes
4/24/97	5145'-5148'	4 JSPF	12 holes
4/26/97	4648'-4664'	4 JSPF	64 holes

NEWFIELD**Monument Butte Federal NE #6-26-8-16**

1980 FNL 1980 FWL
SE/NW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31770; Lease #UTU-73088

Monument Butte Federal NE #8-26-8-16

Spud Date: 03/02/97
 Put on Production: 03/22/97
 GL: 5472' KB: 5485'

Initial Production: 80 BOPD,
 68 MCFPD, 12 BWPD

SURFACE CASING

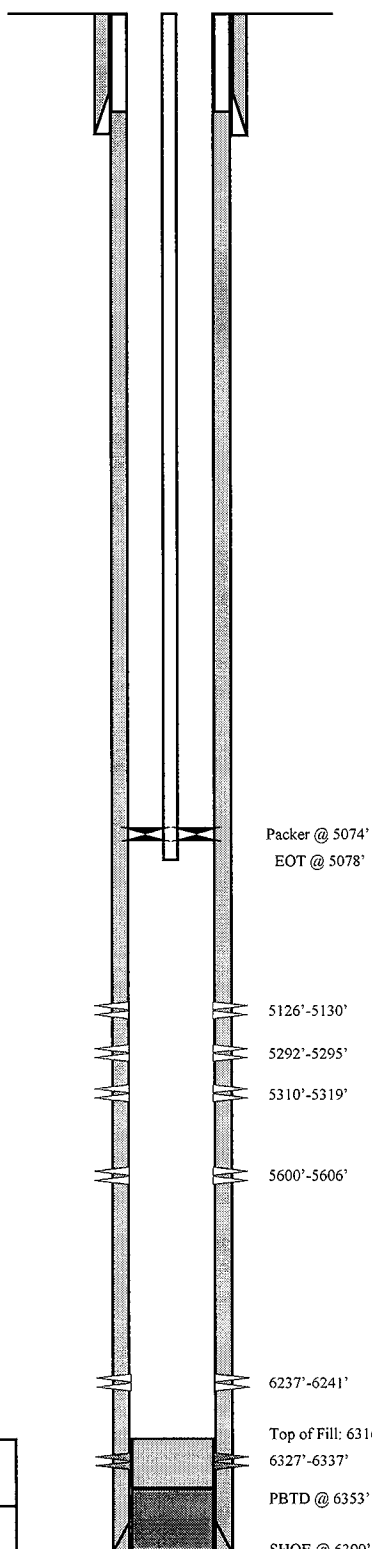
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 287.59' (7 jts)
 DEPTH LANDED: 288' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts (6407.79')
 DEPTH LANDED: 6399.29'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sxs Hibond mixed & 360 sxs thixotropic
 CEMENT TOP AT: 241' per KB

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
 NO. OF JOINTS: 163 jts. (5057.40')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5069.40' KB
 TOTAL STRING LENGTH: EOT 5077.95' KB

Injection Wellbore
DiagramFRAC JOB

3/12/97 6237'-6337' **Frac CP-4 & CP-5 sands as follows:**
 114,800# of 20/40 sand in 551 bbls of Boragel. Treated at avg rate of 26.3 bpm w/avg press of 2350 psi. ISIP-3840 psi. Calc. flush: 6237 gal. Actual flush: 4223 gal. Screened out.

3/14/97 5600'-5606' **Frac A-1 sand as follows:**
 110,800# of 20/40 sand in 560 bbls of Boragel. Treated @ avg rate of 24.4 bpm w/avg press of 1850 psi. ISIP-2224 psi. Calc. flush: 5600 gal. Actual flush: 5518 gal.

3/17/97 5292'-5319' **Frac C sand as follows:**
 109,100# of 20/40 sand in 566 bbls of Boragel. Treated @ avg rate of 24.8 bpm w/avg press of 1650 psi. ISIP-1879 psi. Calc. flush: 5292 gal. Actual flush: 5206 gal.

3/19/97 5126'-5130' **Frac D-1 sand as follows:**
 113,700# of 20/40 sand in 593 bbls of Boragel. Treated @ avg rate of 20.5 bpm w/avg press of 2100 psi. ISIP-2198 psi. Calc. flush: 5126 gal. Actual flush: 5015 gal.

10/9/02 Tubing leak. Update rod and tubing details.

2/21/03 Parted rods. Update rod details.

5/17/03 Tubing leak. Update rod and tubing details.

1/13/04 Parted rods. Update rod details.

9/1/04 Parted rods. Update rod details.

4/9/08 **Well converted to an Injection well.**

4/24/08 **MIT completed and submitted.**

PERFORATION RECORD

3/12/97	6237'-6241'	4 JSPF	16 holes
3/12/97	6327'-6337'	4 JSPF	40 holes
3/13/97	5600'-5606'	4 JSPF	24 holes
3/15/97	5292'-5295'	4 JSPF	12 holes
3/15/97	5310'-5319'	4 JSPF	36 holes
3/18/97	5126'-5130'	4 JSPF	16 holes



Monument Butte Federal NE #8-26-8-16

1891' FNL & 655' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31744; Lease #UTU-73088

Federal M-26-8-16

Spud Date: 7-10-07
 Put on Production: 8-17-07
 GL: 5512' KB: 5524'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.63')
 DEPTH LANDED: 313.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 157 jts. (6669.57')
 DEPTH LANDED: 6682.82' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

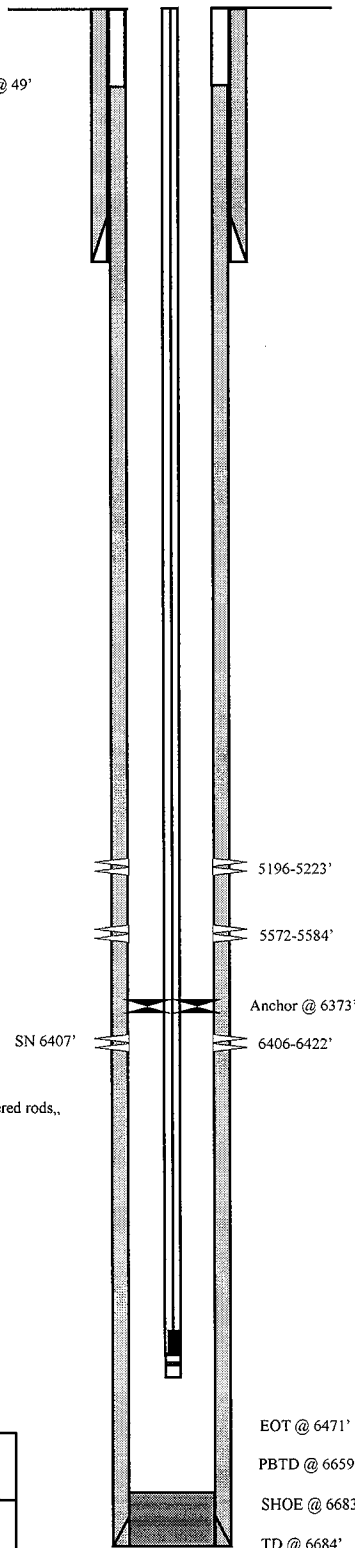
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 202 jts (6360.56')
 TUBING ANCHOR: 6372.56' KB
 NO. OF JOINTS: 1 jts (31.55')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6406.91' KB
 NO. OF JOINTS: 2 jts (62.81')
 TOTAL STRING LENGTH: EOT @ 6471.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2', 1-6', & 1-8' x 7/8" pony rods, 251- 7/8" scraped rods,,
 4-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 123"
 PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 49'



Initial Production: BOPD,
 MCFD, BWPD

FRAC JOB

08-13-07 6406-6422' **Frac cp5sands as follows:**
 80171# 20/40 sand in 672 bbls Lightning 17
 frac fluid. Treated @ avg press of 2170 psi
 w/avg rate of 24.8 BPM. ISIP 2410 psi. Calc
 flush: 6404 gal. Actual flush: 5817 gal.

08-13-07 5572-5584' **Frac B2 sands as follows:**
 24767# 20/40 sand in 376 bbls Lightning 17
 frac fluid. Treated @ avg press of 4225 psi
 w/avg rate of 24.8 BPM. ISIP 1730 psi. Calc
 flush: 5570 gal. Actual flush: 4998 gal.

08-13-07 5196-5223' **Frac D1 sands as follows:**
 137131# 20/40 sand in 996 bbls Lightning 17
 frac fluid. Treated @ avg press of 1848 psi
 w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc
 flush: 5194 gal. Actual flush: 5082 gal.

PERFORATION RECORD

08-08-07	6406-6422'	4 JSPF	64 holes
08-13-07	5572-5584'	4 JSPF	48 holes
08-13-07	5196-5223'	4 JSPF	108 holes

NEWFIELD**Federal M-26-8-16**

1983' FNL & 2001' FWL

SE/NW Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33250; Lease # UTU-34346

Hawkeye Federal L-26-8-16

Spud Date: 6-4-07
Put on Production: 7-19-07

GL: 5498' KB: 5510'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.99')
DEPTH LANDED: 314.89' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

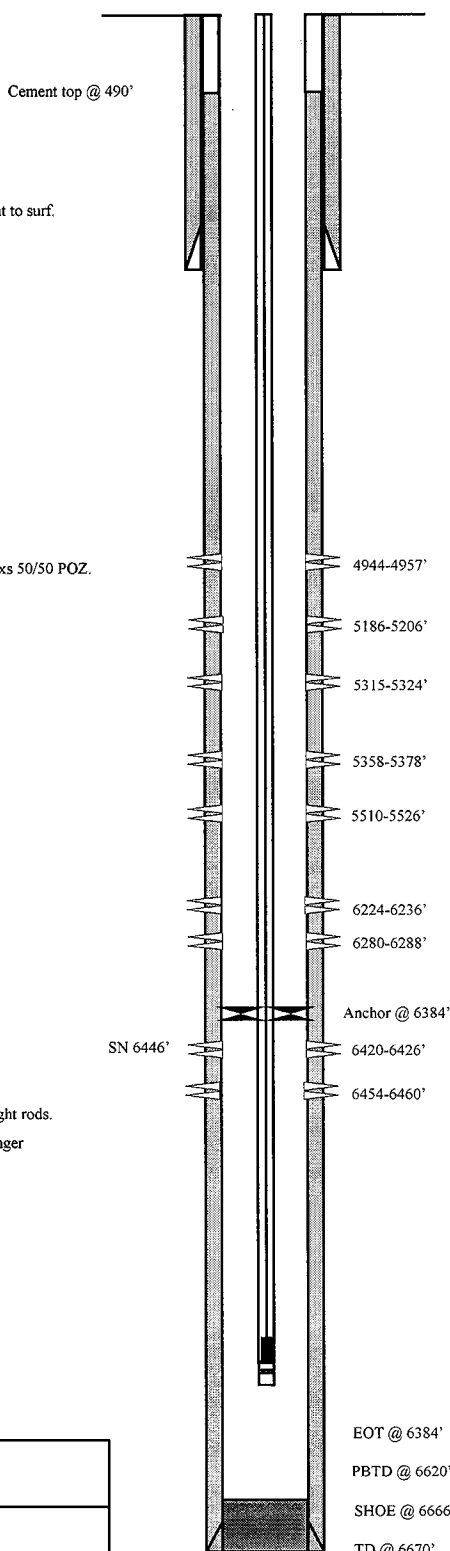
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6652.98')
DEPTH LANDED: 6666.23' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 490'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 206 jts (6372.13')
TUBING ANCHOR: 6384.13' KB
NO. OF JOINTS: 2 jts (59.04')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6445.82' KB
NO. OF JOINTS: 2 jts (60.97')
TOTAL STRING LENGTH: EOT @ 6508.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 252 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 2" x 24' x 24' RHAC w/SM plunger
STROKE LENGTH: 168"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07-12-07	6420-6460'	Frac BS, & CP5 sands as follows: 50822# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6418 gal. Actual flush: 5964 gal.
07-13-07	6224-6288'	Frac CP3, & CP2 sands as follows: 49244# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6222 gal. Actual flush: 5712 gal.
07-13-07	5510-5526'	Frac B1 sands as follows: 69501# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2737 psi w/avg rate of 26.8 BPM. ISIP 3052 psi. Calc flush: 5508 gal. Actual flush: 5082 gal.
07-13-07	5315-5378'	Frac C, & D3 sand as follows: 39606# 20/40 sand in 422 bbls Lightning 17 frac fluid. Treated @ avg press of 1998 w/ avg rate of 24.5 BPM. ISIP 2067 psi. Calc flush: 5313 gal. Actual flush: 4872 gal.
07-13-07	5186-5206'	Frac D1 sand as follows: 59495# 20/40 sand in 524 bbls Lightning 17 frac fluid. Treated @ avg press of 2047 w/ avg rate of 24.5 BPM. ISIP 2352 psi. Calc flush: 5184 gal. Actual flush: 4704 gal.
07-13-07	4944-4957'	Frac PB11 sand as follows: 46754# 20/40 sand in 449 bbls Lightning 17 frac fluid. Treated @ avg press of 2314 w/ avg rate of 24.6 BPM. ISIP 2342 psi. Calc flush: 4942 gal. Actual flush: 4830 gal.
3/17/09		Unit Upgrade.

PERFORATION RECORD

07-12-07	6454-6460'	4 JSPF	24 holes
07-12-07	6420-6426'	4 JSPF	24 holes
07-12-07	6280-6288'	4 JSPF	32 holes
07-12-07	6224-6236'	4 JSPF	48 holes
07-13-07	5510-5526'	4 JSPF	64 holes
07-13-07	5358-5378'	4 JSPF	80 holes
07-13-07	5315-5324'	4 JSPF	36 holes
07-13-07	5186-5206'	4 JSPF	80holes
07-13-07	4944-4957'	4 JSPF	52 holes

NEWFIELD**Hawkeye Federal L-26-8-16**

1968' FSL & 2013' FEL

NW/SE Section 26-T8S-R16E

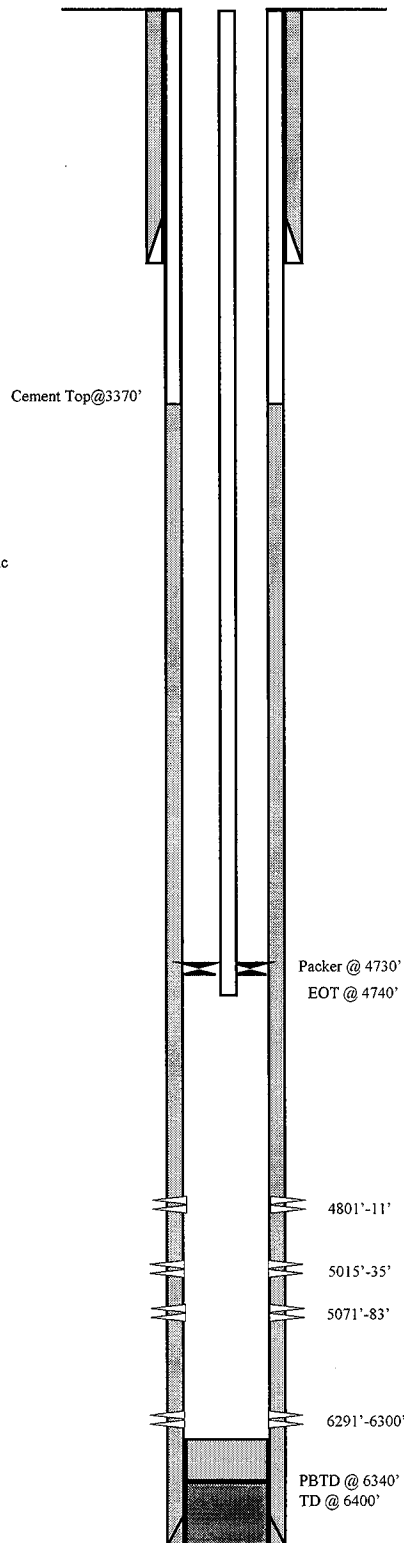
Duchesne Co, Utah

API # 43-013-33263; Lease # UTU-34346

Spud Date: 3/14/97

Put on Production: 4/5/97
GL: 5516' KB: 5529'

Monument Butte Federal #11-26-8-16

Initial Production: 93 BOPD,
120 MCFPD, 18 BWPDSURFACE CASINGCSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 291.40'(7 jts.)
DEPTH LANDED: 291' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 6 bbls to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6357.73')
DEPTH LANDED: 6354.71'
HOLE SIZE: 7-7/8"
CEMENT DATA: 390 sk Hibond mixed & 370 sxs thixotropic
CEMENT TOP AT: 3370' per CBLTUBINGSIZE/GRADE/WT.: 2-7/8" / WC-50 & J-55 / 6.5#
NO. OF JOINTS: 206 jts
TUBING ANCHOR: 6088'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6223'
SN LANDED AT: 6153'Injection Wellbore
DiagramFRAC JOB

3/27/97 6291'-6300' **Frac CP-4 sand as follows:**
79,400# of 20/40 sand in 441 bbls of Boragel. Screened out w/5133 gal flush pumped (69,900# sand in formation, 9500# sand in csg). Perfs broke @ 4006 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2900 psi. ISIP-4000psi, 5-min 2466 psi. Flowback on 12/64" ck for 3 hours and died.

3/28/97 5015'-5083' **Frac D-1 and D-Stray sands as follows:**
123,500# of 20/40 sand in 592 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate of 24 bpm w/avg press of 1700 psi. ISIP-2885 psi, 5-min 2730 psi. Flowback on 12/64" ck for 3 hours and died.

3/31/97 4801'-4813' **Frac PB-10 sand as follows:**
91,100# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 3546 psi. Treated @ avg rate of 22.2 bpm w/avg press of 2200 psi. ISIP-2787 psi, 5-min 2691 psi. Flowback on 12/64" ck for 3 hours and died.

5/15/08 **5 Year MIT completed and submitted.**

PERFORATION RECORD

3/26/97	6291'-6300'	4 JSPF	36 holes
3/28/97	5015'-5035'	4 JSPF	80 holes
3/28/97	5071'-5083'	4 JSPF	48 holes
3/29/97	4801'-4811'	4 JSPF	40 holes



Monument Butte Federal #11-26
1980 FWL 1980 FSL
NESW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31673; Lease #U-34346

CR 5/20/08

Spud Date: 11/13/96
 Put on Injection: 11/25/97
 GL: 5495' KB: 5508'

Monument Butte Federal #9-26

Initial Production: 104 BOPD,
 144 MCFPD, 4 BWPD

Injector Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 307.14' (9 jts.)
 DEPTH LANDED: 305.04' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (6413.33')
 DEPTH LANDED: 6399.33'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 480 sxs thixotropic
 CEMENT TOP AT: 788' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 205 jts (?)
 PACKER: Set @ 4742' KB
 SEATING NIPPLE:
 TOTAL STRING LENGTH: EOT @ 4742'
 SN LANDED AT:

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5413'-5457' **Frac B-1 & B-2 sands as follows:**
 81,700# of 20/40 sand in 492 bbls of
 Boragel. Breakdown @ 2410 psi. Treated @
 avg rate of 22.4 bpm w/avg press of 1750
 psi. ISIP-2406 psi, 5-min 2379 psi.
 Flowback on 12/64" ck for 4 hours and
 died.

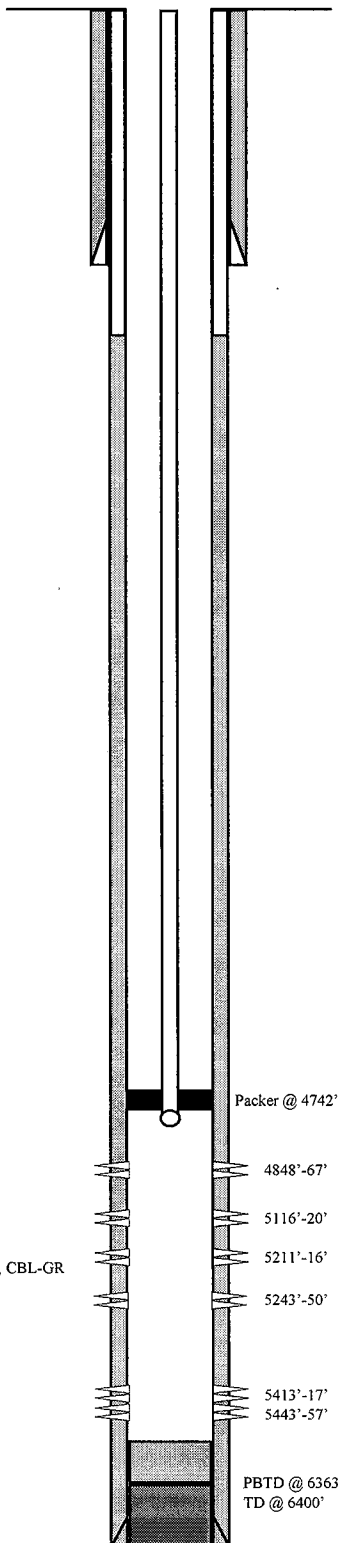
12/14/96 5116'-5250' **Frac D-1, D-3 & C sand as follows:**
 106,900# of 20/40 sand in 565 bbls of
 Boragel. Breakdown @ 2008 psi. Treated @
 avg rate of 25.8 bpm w/avg press of 1700
 psi. ISIP-2694, 5-min 2595 psi. Flowback
 on 12/64" ck for 3 hours and died.

12/16/96 4848'-4867' **Frac PB-11 sand as follows:**
 72,800# of 20/40 sand in 412 bbls of
 Boragel. Breakdown @ 2857 psi. Treated @
 avg rate of 18.6 bpm w/avg press of 2100
 psi. ISIP-2616 psi, 5-min 2550 psi.
 Flowback on 12/64" ck for 3 hours and
 died.

08/23/07 **5 Year MIT**

PERFORATION RECORD

12/11/96	5413'-5417'	4 JSPF	16 holes
12/11/96	5443'-5457'	4 JSPF	56 holes
12/12/96	5243'-5250'	4 JSPF	28 holes
12/12/96	5211'-5216'	4 JSPF	20 holes
12/12/96	5116'-5120'	4 JSPF	16 holes
12/14/96	4848'-4867'	4 JSPF	76 holes



Monument Butte Federal #9-26
 660 FEL 1980 FNL
 NESE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31667; Lease #U-34346

Spud Date: 11/13/96
Put on Production: 1/10/97
GL: 5531' KB: 5544'

Monument Butte Federal NE #14-26-8-16

Initial Production: 75 BOPD,
121 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 297.90' (7 jts.)
DEPTH LANDED: 291.30' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (6257')
DEPTH LANDED: 6252'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sk Hibond mixed & 390 sxs thixotropic
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 191 jts (5901.89')
TUBING ANCHOR: 5946.65' KB
NO. OF JOINTS: 2 jts (62.23')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6015.18' KB
NO. OF JOINTS: 2 jts (62.16')
TOTAL STRING LENGTH: EOT @ 6077.34'

SUCKER RODS


POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 6-1 1/2" weight bars, 49-3/4" guided rods, 54-3/4" plain rods,
131-3/4" scraped rods; 1-4', 1-8' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump
STROKE LENGTH: 52"
PUMP SPEED, SPM: 5 SPM

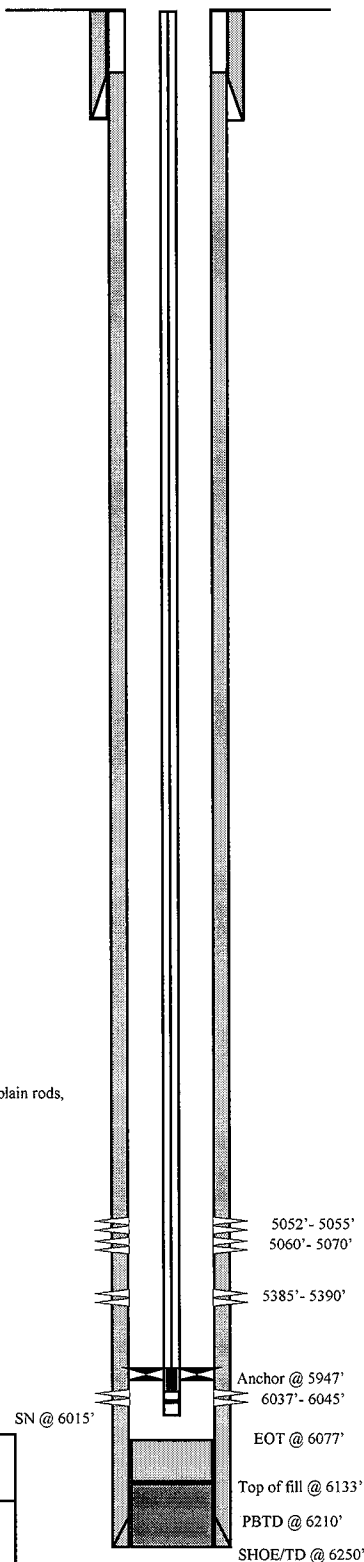
FRAC JOB

1/2/97	6037'-6045'	Frac CP-2 sand as follows: 86,000# of 20/40 sand in 505 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 2300 psi. ISIP-3078 psi.
1/4/97	5385'-5390'	Frac B-2 sand as follows: 98,700# of 20/40 sand in 573 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 1980 psi. ISIP-2041 psi.
1/7/97	5052'-5070'	Frac D-1 sand as follows: 107,600# of 20/40 sand in 546 bbls of Boragel. Treated @ avg rate of 22.5 bpm w/avg press of 2350 psi. ISIP-2902 psi.
3/21/02		Tubing leak. Update rod and tubing details.
8/27/02		Tubing leak. Update rod and tubing details.
4/3/03		Tubing leak. Update rod and tubing details.
1/20/06		Tubing leak. Update rod and tubing details.
1/14/09		Tubing Leak. Updated rod & tubing details.
8/24/09		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

12/30/96	6037'-6045'	4 JSPP	32 holes
1/03/97	5385'-5390'	4 JSPP	20 holes
1/06/97	5052'-5055'	4 JSPP	12 holes
1/06/97	5060'-5070'	4 JSPP	40 holes


Monument Butte Federal NE #14-26-8-16 660' FSL & 1980' FWL SE/SW Section 26-T8S-R16E Duchesne Co, Utah API #43-013-31703; Lease #U-34346



Spud Date: 4/22/96
Put on Production: 5/17/96
Put on Injection: 5/13/99

GL: 5534' KB: 5547'

Monument Butte Federal #15-26-8-16

Initial Production: 296 BOPD,
383 MCFPD, 8 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 305'
DEPTH LANDED: 302.63' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sks Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

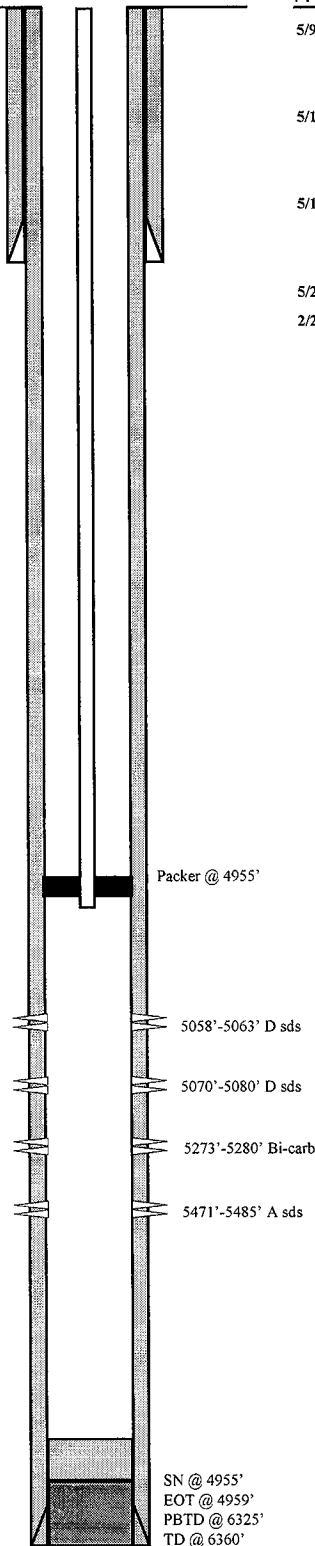
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6363.43')
DEPTH LANDED: 6360.30' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hyfill mixed & 360 sks thixotropic
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / LS / 6.5#
NO. OF JOINTS: 159 jts
SEATING NIPPLE: 1.10' @ 4950.47' KB
PACKER: elements @ 4954.82' KB
TOTAL STRING LENGTH: EOT @ 4958.90' KB

FRAC JOB

5/9/96	5471'-5485'	Frac A sand as follows: 63,800# 20/40 sd in 441 bbls Boragel. Breakdown @ 2449 psi treated @ avg rate 21 bpm, avg press 2490 psi. ISIP 3332 psi.
5/11/96	5273'-5280'	Frac Bi-Carb zone as follows: 31,600# 20/40 sd in 282 bbls Boragel. Breakdown @ 4011, treated @ avg rate 15.5 bpm, avg press 1900 psi. ISIP-2276 psi.
5/14/96	5058'-5080'	Frac D sand as follows: 44,500# 20/40 sd in 316 bbls Boragel. Formation broke @ 2501#, avg TP 1900# 16 bpm. ISIP-2252 psi.
5/2/99		Convert to injector.
2/26/09		5 Year MIT completed and submitted.



PERFORATION RECORD

5/8/96	5471'-5485'	4 JSPF	56 holes
5/10/96	5273'-5280'	4 JSPF	28 holes
5/13/96	5070'-5080'	4 JSPF	40 holes
5/13/96	5058'-5063'	4 JSPF	20 holes



Monument Butte Federal #15-26-8-16
613 FSL & 1979 FEL
SWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31502; Lease #U-67170

Spud Date: 9/05/95

Put on Production: 10/28/95
GL: 5474' KB: 5487'

Monument Butte Federal #16-26-8-16

Initial Production: 93 BOPD,
100 MCFPD, 5 BWPD

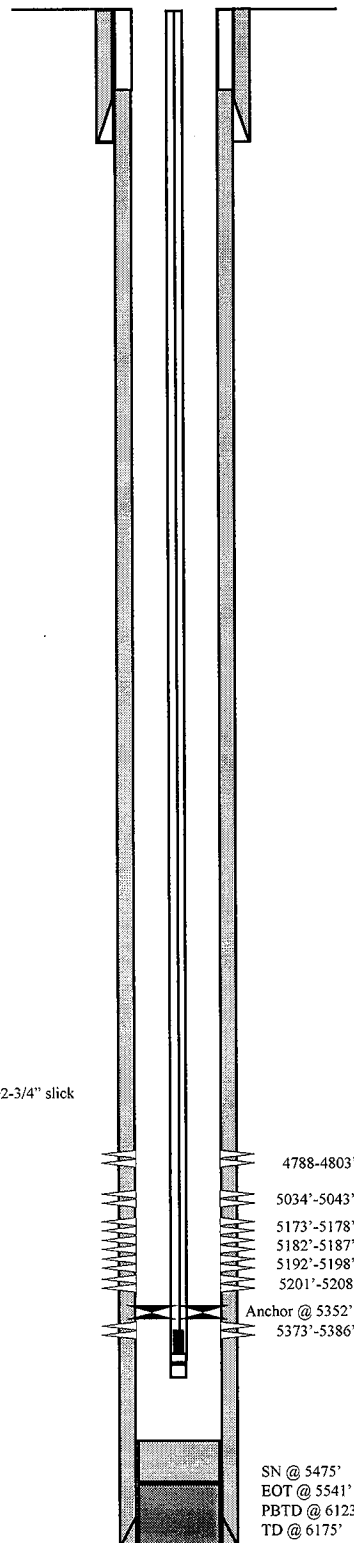
Wellbore Diagram

SURFACE CASINGCSG SIZE: 8-5/8"
GRADE:
WEIGHT: 24#
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premlite + 50 sxs PremPRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
DEPTH LANDED: 6175' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 290 sxs Lead + 375 sxs Thixotropic.
CEMENT TOP AT: 150'TUBINGSIZE/GRADE/WT: 2-7/8", J-55
NO. OF JOINTS: 172 jts (5426.56')
TUBING ANCHOR: 5439.56' KB
NO. OF JOINTS: 1 jt (31.54)
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5475.00' KB
NO. OF JOINTS: 2 7/8" J-55
NO. OF JOINTS: 2 jt (66.00')
TOTAL STRING LENGTH: EOT @ 5541.44' KBSUCKER RODSPOLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-4", 6' x 7/8" pony subs, 90-7/8" guided rods, 102-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight bars
PUMP SIZE: CDI 2 1/2" x 1 3/4" x 12' x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5FRAC JOB

10/19/95	5373'-5386'	Frac B-2 sand as follows: 90,700# of 20/40 sand in 635 bbls of frac fluid. Treated with avg press. of 2200 psi @ 25 bpm, ISIP 2602 psi.
10/21/95	5173'-5198'	Frac C-sd as follows: 80,600# of 20/40 sand in 646 bbls of frac fluid. Treated with avg press. of 2050 psi @ 32 bpm, ISIP 1804 psi.
10/22/95	5034'-5043'	Frac D-1 sand as follows: 59,800# of 16/30 sand in 527 bbls of frac fluid. Treated with avg press. of 2200 psi @ 26 bpm, ISIP 2131 psi.
04/26/07	Recompletion	Frac PB11 sand as follows: 22288# of 20/40 sand in 233 bbls of frac fluid. Treated with avg press. of 4125 psi @ 14.3 bpm, ISIP 2131 psi. Calc flush: 2471 gal. Actual flush: 1113

PERFORATION RECORD

10/18/95	5373'-5386'	
10/20/95	5192'-5198'	
10/20/95	5182'-5187'	
10/20/95	5173'-5178'	
10/22/95	5034'-5043'	
04/24/07	4788'-4803'	4 JSPF 60 holes

**NEWFIELD**

Monument Butte Federal #16-26-8-16

507' FSL & 666' FEL

SE/SE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31517; Lease #U-67170

TW 07-12-07

Spud Date: 6/8/83

Put on Production: 8/1/83

GL: 5532' KB: 5547'

Boll Weevil Federal #26-13-8-16

Wellbore Diagram

Initial Production: 50 BOPD,
25 MCFPD, 0 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (282')

DEPTH LANDED: 297' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 225 sxs Class "G" cmt, good cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5# & 14#

LENGTH: 149 jts. (6175')

DEPTH LANDED: 6172'

HOLE SIZE: 7-7/8"

CEMENT DATA: 220 sxs BJ lite & 1000 sxs Class "G"

CEMENT TOP AT: 1700'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 181 jts (5791.95')

TUBING ANCHOR: 5806.95' KB

NO. OF JOINTS: 1 jts (32.45')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5842.20' KB'

NO. OF JOINTS: 1 jts (32.54')

NO. OF JOINTS: 3 jts (91.75')

TOTAL STRING LENGTH: EOT @ 5974.14' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 2' 4", 8x 7/8" pony rods, 99-7/8" guided rods, 77-3/4" plain rods, 50-3/4" guided rods, 6- 1 1/2" wt. bars.

PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC edi pump

STROKE LENGTH: 86"

PUMP SPEED, 5 SPM

FRAC JOB

7/20/83 5994'-5998'

Frac CP-1 sand as follows:
23,500 gal H2O, 30,000# 20/40 sd. ISIP-2180,
5-min 2080, 10-min 2020, 15-min 2000.

7/22/83 5736'-5746'

Frac LODC sand as follows:
28,000 gal H2O, 54,000# of 20/40 sand.
Screened Out. ISIP-3400, 5-min 2400, 10-min
2250, 15-min 2150.

7/24/83 5032'-5040'

Frac D sand as follows:
20,000 gal H2O, 50,000# 20/40 sand. ISIP-
2100, 5-min 1900, 10-min 1820, 15-min 1800,
S1 9 hrs.

6/24/86 4304'-4310'

Frac ? sand as follows:
10,000 gal gelled H2O, 21,000# of 20/40
sand. ISIP-1800, 5-min 1700, 10-min 1630,
15-min 1620.

4/25/95

Re-acidize CP1, LODC, D zones.

5/01/95

Squeeze perfs 4304'-4310' w/ 50 sx Class "G"
cement.

10/11/96

Pump change. Update rod and tubing details.

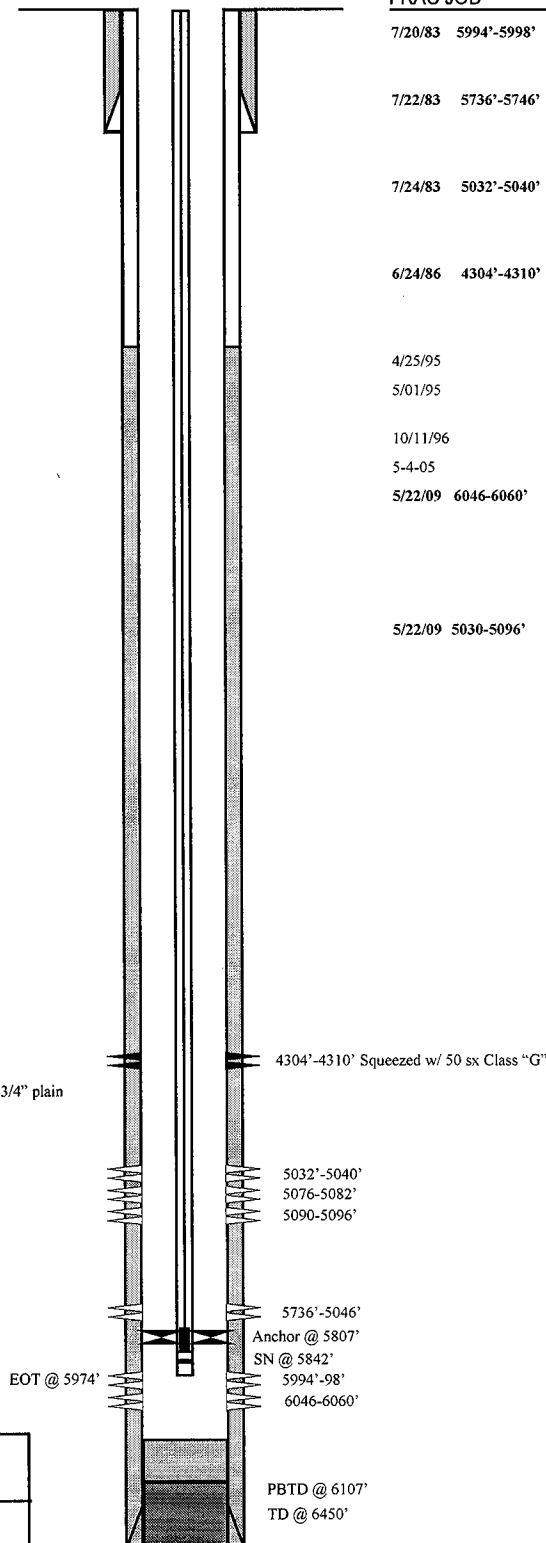
5-4-05

Pump change. Update rod and tubing details.

5/22/09 6046-6060'

Frac CP2 sds as follows:
24,999# 20/40 sand in 284 bbls of Lightning
17 frac fluid. Treated @ ave pressure of 4550
@ ave rate of 15 BPM w/ 6 ppg of sand. ISIP
was 2158 w/ .79FG. 5 min was 2004 pi. 10
min was 1950 psi.

5/22/09 5030-5096'

Frac D1 & Ds1 sds as follows:
60,059#s of 20/40 sand in 540 bbls of
Lightning 17 frac fluid. Treated @ ave
pressure of 4784 @ ave rate of 15 BPM w/ 6
ppg of sand. ISIP was 2697 w/ .97FG. 5 min
was 2348 pi. 10 min was 2187 psi. 15 min
was 2099.PERFORATION RECORD

7/20/83	5994'-5998'	3 JSFP	12 holes
7/22/83	5736'-5746'	3 JSFP	30 holes
7/24/83	5032'-5040'	3 JSFP	24 holes
6/23/86	4304'-4310'	2 JSFP	12 holes
5/27/09	5030-5040'	64 shots	
5/27/09	5076-5082'	4 JSFP	24 holes
5/27/09	5090-5096'	4 JSFP	24 holes
5/27/09	6046-6060'	4 JSFP	56 holes

NEWFIELD

Boll Weevil Federal #26-13-8-16
1980' FSL & 660' FWL
NW/SW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-30770; Lease #U-34346

Federal 2A-35-8-17

Spud Date: 11/28/05
 Put on Production: 12/28/05
 GL: 5054' KB:5066'

Initial Production: BOPD 5,
 MCFD 20, BWPD 22

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (309.0')
 DEPTH LANDED: 319' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6186.29')
 DEPTH LANDED: 6184.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5518.40')
 TUBING ANCHOR: 5530.40' KB
 NO. OF JOINTS: 2 jts (65.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5598.34' KB
 NO. OF JOINTS: 2 jts (65.12')
 TOTAL STRING LENGTH: EOT @ 5665.01' w/ 12' KB'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-8", 1-2" x 3/4" pony rods, 100-3/4" scraped rods; 107-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC pump w/ SM Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIG/GR/SP/CAL

FRAC JOB

12/22/05 5500'-5578'

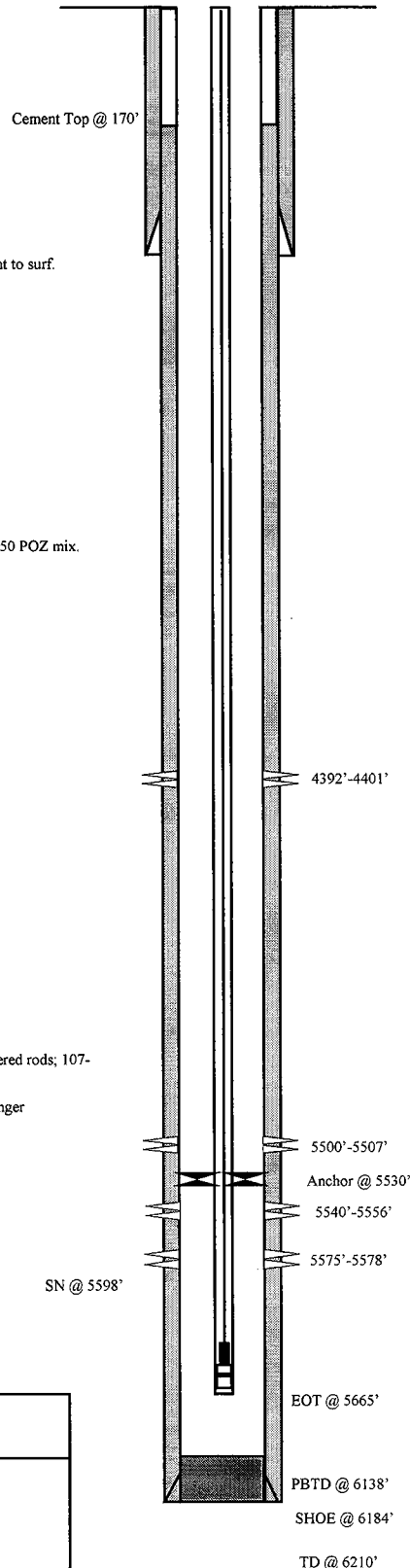
Frac A3 and LODC sands as follows:
 140,872# 20/40 sand in 964 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2050 psi
 w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc
 flush: 5498 gal. Actual flush: 4326 gal.

12/22/05 4392'-4401'

Frac GB2 sands as follows:
 49,702# 20/40 sand in 413 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2680 psi
 w/avg rate of 25 BPM. ISIP 2660 psi. Calc
 flush: 4390 gal. Actual flush: 4284 gal.

PERFORATION RECORD

12/16/05	5575'-5578'	4 JSPF	12 holes
12/16/05	5540'-5556'	4 JSPF	64 holes
12/16/05	5500'-5507'	4 JSPF	28 holes
12/22/05	4392'-4401'	4 JSPF	36 holes



NEWFIELD

Federal 2A-35-8-17

609' FNL & 1895' FEL

NW/NE Section 35-T8S-R17E

Uintah County, Utah

API #43-047-36073; Lease #UTU-40026

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
1 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-34081**

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample Point: **tank**

Sample Date: **11/23/2009**

Sales Rep: **Randy Huber**

Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	11/30/2009
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5868
Molar Conductivity (µS/cm):	8892
Resitivity (Mohm):	1.1246

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		40.00	Chloride (Cl):
Magnesium (Mg):		-	Sulfate (SO₄):
Barium (Ba):		28.00	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		1929.00	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		2.38	Phosphate (PO₄):
Manganese (Mn):		0.03	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi	6.73	16.09	0.00	-1921.20	0.00	-2033.80	-	-	21.36	34.94	0.79
100	0	5.14	12.59	0.00	-13.52	0.00	-2169.00	-	-	32.09	36.80	0.38
80	0	6.73	16.09	0.00	-9.89	0.00	-2033.80	-	-	21.36	34.94	0.46
100	0	8.22	19.20	0.00	-7.22	0.00	-1837.70	-	-	14.55	32.84	0.52
120	0	9.65	22.20	0.00	-5.25	0.00	-1608.60	-	-	10.12	30.47	0.58
140	0	10.94	24.90	0.00	-3.84	0.00	-1369.80	-	-	7.18	27.80	0.65
160	0	12.03	26.95	0.00	-2.85	0.00	-1138.80	-	-	5.17	24.81	0.72
180	0	12.87	28.07	0.00	-2.16	0.00	-927.04	-	-	3.78	21.49	0.73
200	0	13.41	28.30	0.00	-1.71	0.00	-747.33	-	-	2.76	17.60	0.74
220	2.51	13.78	27.70	0.00	-1.38	0.00	-587.35	-	-	2.07	13.45	0.75
240	10.3	13.94	26.85	0.00	-1.16	0.00	-454.17	-	-	1.57	8.88	0.76
260	20.76	13.93	26.05	0.00	-1.02	0.01	-345.62	-	-	1.20	3.81	0.77
280	34.54	13.76	25.38	0.00	-0.92	0.01	-258.72	-	-	0.92	-1.80	0.79
300	52.34											

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

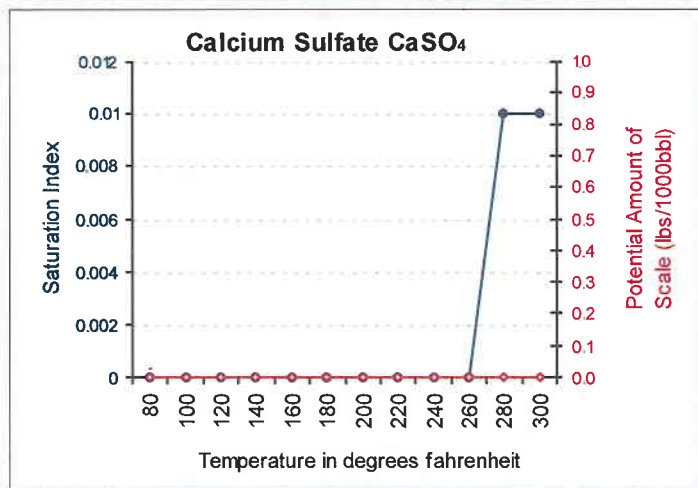
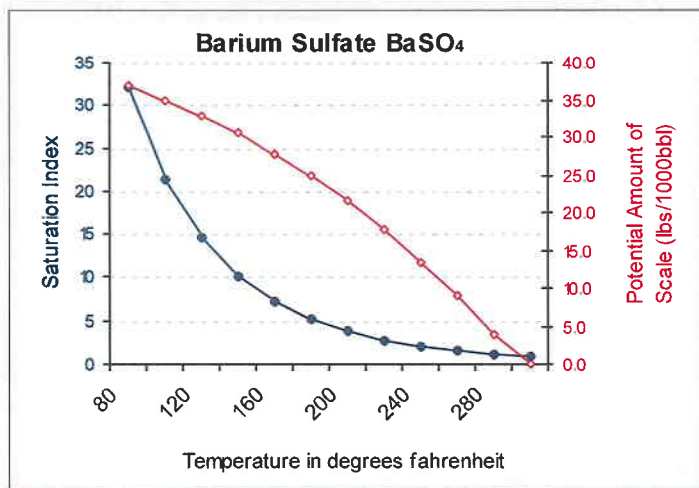
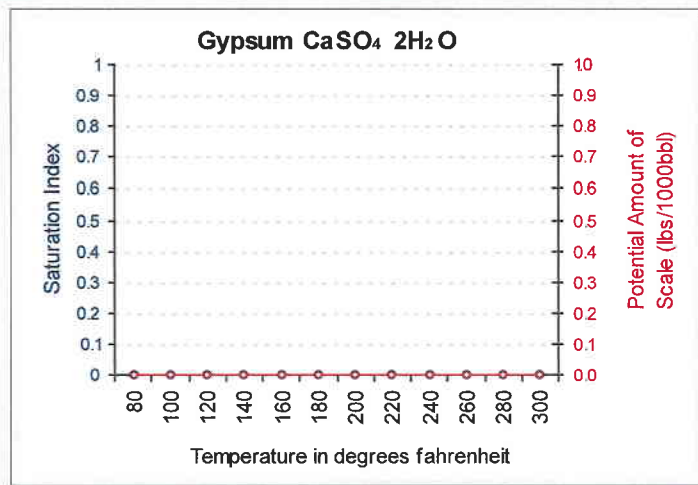
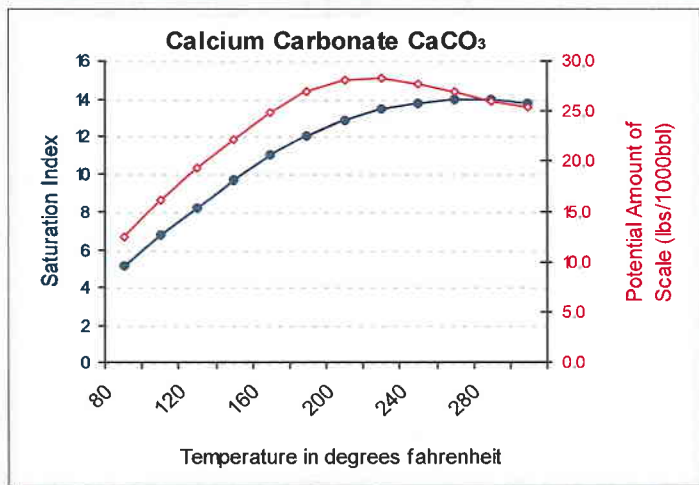
Vernal, UT 84078



Scale Prediction Graphs

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample ID: **WA-34081**



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
3 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-35260**

Well Name: **Monument Butte Injection**

Sample Point: **Before Desilter**

Sample Date: **1 / 1 / 2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	90
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	9.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	11140
Molar Conductivity (µS/cm):	16879
Resistivity (Mohm):	0.5925

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	40.00	Chloride (Cl):	6000.00
Magnesium (Mg):	24.40	Sulfate (SO₄):	140.00
Barium (Ba):	14.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	780.00
Sodium (Na):	4139.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	2.29	Phosphate (PO₄):	-
Manganese (Mn):	0.15	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia (NH₃):	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F



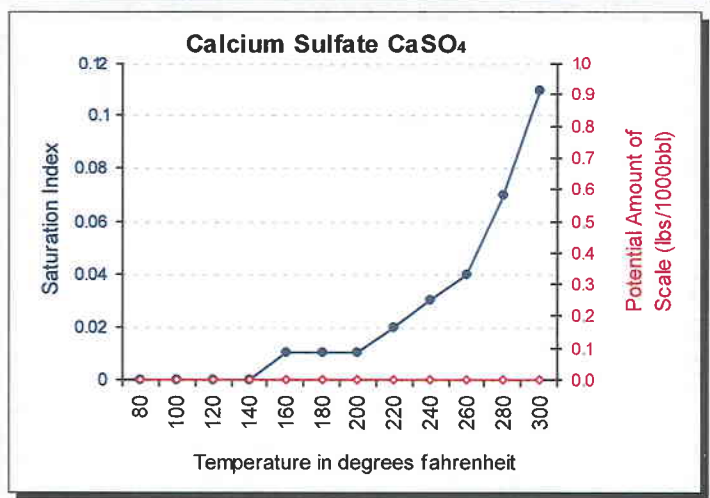
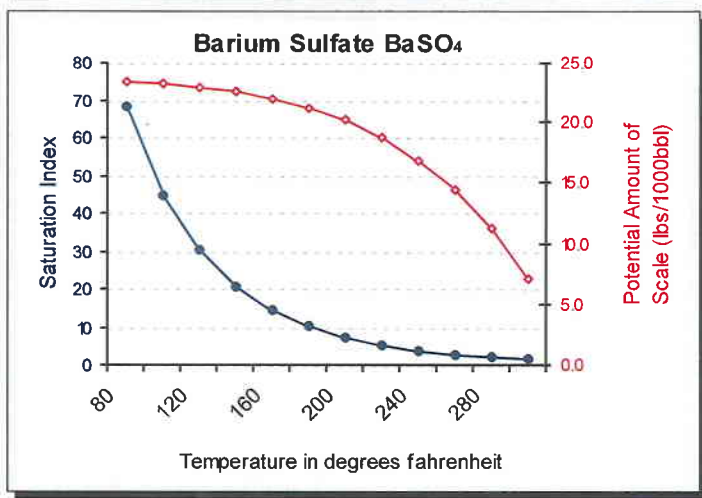
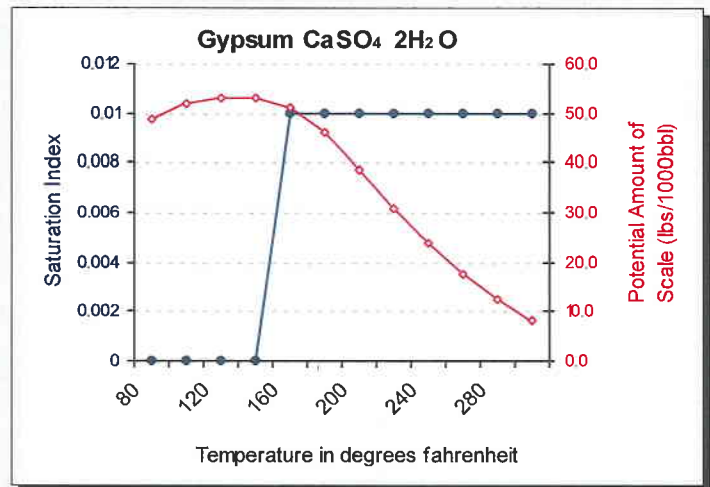
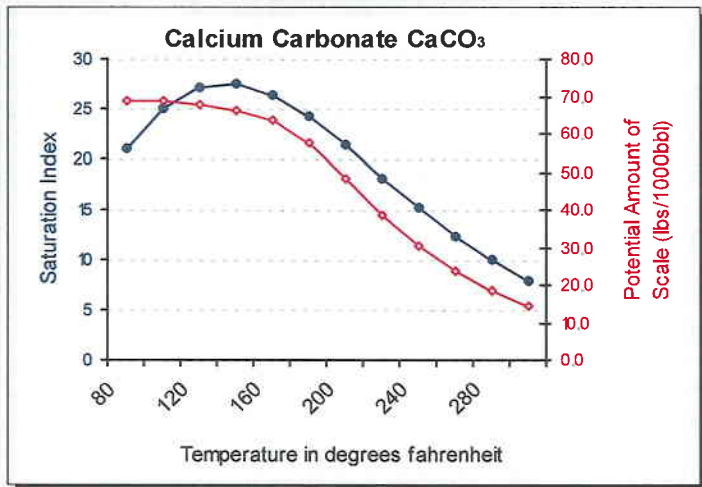
Multi-Chem Group, LLC
Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**



Attachment "G"

**Monument Butte Federal #10-26-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5834	6021	5928	2100	0.79	2062 ←
5244	5252	5248	3768	1.15	3734
5069	5056	5063	2580	0.94	2547
				Minimum	<u><u>2062</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/10/96 **Completion Day** 1
Present Operation TIH w/tbg, prep to perf **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 2612 **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/9/96 **SITP:** **SICP:**

MIRU Basin #6. WO tbg head to be installed. Clean sd out of flat tank. Install csg head w/ERC. NU BOP. PU & TIH w/4-1/2" drlg bit, 5-1/2" csg scraper & 84 jts 2-7/8" 6.5# J-55 tbg to 2612'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	1,365
BOP	145
Tanks	20
Trucking	600
Tbg	15,625
CBL	1,250
Tbg Head	2,250
Anchors	700
Location cleanup	200
IPC-supervision	300
Wtr	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$22,555
TOTAL WELL COST: \$165,810



Attachment G-1
2 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/11/96 **Completion Day** 2
Present Operation Frac "LDC" & "CP" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** 6.5 @ J-55 **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/10/96 **SITP:** 0 **SICP:** 0

Finish PU & TIH w/117 jts tbg. Tag PBTD @ 6205'. (201 jts tbg total). LD 1 jt tbg. Press test csg to 3000 psi. RU swb. IFL @ sfc, made 13 runs, rec 126 BW, FFL @ 5300'. TOH LD bit & scraper. RU Western Atlas & PERF "LDC" SD @ 5834-39', 5852-54', 5892-99' & "CP" SD @ 6019-21' W/4 JSPF. TIH w/tbg to 6186'. RU swb. IFL @ 5300', made 3 runs, rec 14 BW, FFL @ 5800'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	1,415
BOP	145
Wtr	100
Perfs	1,812
Tanks	60
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$3,732
TOTAL WELL COST: \$169,542



Attachment G-1
3 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/12/96 **Completion Day** 3
Present Operation Perforate **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/11/96 **SITP:** 0 **SICP** 0

IFL @ 5600', made 2 runs, rec 7 BTW, FFL @ 5900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "LDC" & "CP" sd w/119,500# of 20/40 sd in 661 bbls of Boragel. Break dn @ 2617 psi. Treated @ ave rate of 34.5 bpm w/ave press of 1750 psi. ISIP: 2100 psi, 5 min: 1978 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 165 BTF. SIFN. Est 496 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>661</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>165</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>496</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
4000 gal pad
2000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
4013 gal w/8-10 PPG of 20/40 sd
Flush w/5771 gal of 10# linear gel

Basin-rig	723
BOP	145
Tanks	60
HO trk	800
Wtr	800
Frac	21,850
IPC-supervision	200

Max TP	<u>2617</u>	Max Rate	<u>36</u>	Total fluid pmpd:	<u>661 bbls</u>
Avg TP	<u>1750</u>	Avg Rate	<u>34.5</u>	Total Prop pmpd:	<u>119,500#</u>
ISIP	<u>2100</u>	5 min	<u>1978</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$24,578</u>
TOTAL WELL COST:	<u>\$194,120</u>



Attachment 6-1
4 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/13/96 **Completion Day** 4
Present Operation Frac "C" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/12/96 **SITP:** **SICP** 50

Open & flowed 10 BTF & died. TIH w/RBP. Set plug @ 5330'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 12 runs, rec 111 BTF, FFL @ 4700'. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 5244-52' W/4 JSPF. TIH w/tbg to 5310'. RU swb. IFL @ 4700', made 7 runs, rec 12 BW, FFL @ 5200'. SIFN. Est 373 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>496</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>123</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>373</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>5200</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0%</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	1,538
BOP	145
Tanks	60
Wtr	600
RBP	765
Perfs	1,280
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$4,588
TOTAL WELL COST: \$198,708



Attachment G-1
5 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/14/96 **Completion Day** 5
Present Operation Perf "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/13/96 **SITP:** **SICP** 150

Bleed gas off csg. RU swb. IFL @ 4600', made 2 runs, rec 7 BTF, FFL @ 4900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "C" sd w/98,700# of 20/40 sd in 519 bbls of Boragel. Break dn @ 3360'. Treated @ ave rate of 20.3 bpm w/ave press of 2000 psi. ISIP: 3768 psi, 5 min: 3417 psi. Flowback on 12/64" ck for 12 min & died. Rec 23 BTF. TIH w/RBP. Set plug @ 5120'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 1 run, rec 12 BTF, FFL @ 500'. SIFN. Est 850 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>373</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>477</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>850</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
2500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1124 gal w/8-10 PPG of 20/40 sd
Flush w/5172 gal of 10# linear gel

COSTS

Basin-rig	<u>1,280</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,282</u>
RBP	<u>765</u>
HO trk	<u>750</u>
IPC-supervision	<u>200</u>

Max TP	<u>4180</u>	Max Rate	<u>21.5</u>	Total fluid pmpd:	<u>519 bbls</u>
Avg TP	<u>2000</u>	Avg Rate	<u>20.3</u>	Total Prop pmpd:	<u>98,700#</u>
ISIP	<u>3768</u>	5 min	<u>3417</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,482</u>
TOTAL WELL COST:	<u>\$221,190</u>



Attachment G-1
6 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/15/96 **Completion Day** 6
Present Operation Frac "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/14/96 **SITP:** 0 **SICP** 0

RU swb. IFL @ 600', made 7 runs, rec 87 BTF, FFL @ 4250'. TOH w/tbg. RU Western Atlas & PERF "D" SD @ 5069-77', 5080-86' W/4 JSPF. TIH w/tbg to 5060'. RU swb. IFL @ 4000', made 3 runs, rec 21 BTF, FFL @ 4900'. SIFN. Est 742 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>850</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>108</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>742</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig 700

BOP 145

Perfs 1,385

Wtr 200

IPC-supervision 200

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$2,630

TOTAL WELL COST: \$223,820



Attachment G-1
7 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/17/96 **Completion Day** 7
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/16/96 **SITP:** 100 **SICP:** 250

Bleed gas off well. RU swb. IFL @ 3200', made 2 runs, rec 4 BTF w/10% oil cut, FFL @ 3350'. TOH w/tbg. NU treesaver. RU Halliburton & frac "D" sd w/109,100# of 20/40 sd in 551 bbls of Boragel. Break dn @ 3367 psi. Treated @ ave rate of 20.4 bpm w/ave press of 1800 psi. ISIP: 2580 psi, 5 min: 2485 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 54 BTF. SIFN. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>742</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>493</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
3500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1653 gal w/8-10 PPG of 20/40 sd
Flush w/4974 gal of 10# linear gel

COSTS

Basin-rig	695
BOP	145
Tanks	60
Frac	19,815
HO trk	800
Wtr	750
Flowback-super	100
IPC-supervision	200

Max TP	<u>3367</u>	Max Rate	<u>25</u>	Total fluid pmpd:	<u>551 bbls</u>
Avg TP	<u>1800</u>	Avg Rate	<u>20.4</u>	Total Prop pmpd:	<u>109,100#</u>
ISIP	<u>2580</u>	5 min	<u>2485</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	\$22,565
TOTAL WELL COST:	\$246,385



Attachment B-1
8 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/18/96 **Completion Day** 8
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/17/96 **SITP:** **SICP:**

Thaw out wellhead. TIH w/RH to 1971'. Rig broke dn. SI f/RR. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	435
BOP	145
Tanks	60
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$740
TOTAL WELL COST: \$247,125



Attachment G-1
9 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/19/96 **Completion Day** 9
Present Operation Swab well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/18/96 **SITP:** **SICP:**

Repair rig. Thaw out wellhead. TIH w/RH. Tag sd @ 4813'. Clean out to plug @ 5120'. Release plug. TOH to 3700'. SIFN. Lost 60 bbls during circ. SIFN. Est 1175 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>60</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1175</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	590
BOP	145
Tanks	20
Wtr Disposal	300
HO trk	120
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$1,275
TOTAL WELL COST: \$248,400



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/20/96 **Completion Day** 10
Present Operation Swab test well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6098 **BP/Sand PBTD:** 6205

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/19/96 **SITP:** **SICP:**

TOH LD plug. TIH w/new RH. Tag sd @ 5183'. Fill hole w/24 BW. Clean out to plug @ 5330'. Release plug.
TOH LD plug. TIH w/NC. Tag sd @ 5898'. Clean out to PBTD @ 6205'. LD 4 jts. EOT @ 6098'. RU swb. IFL @
sfc, made 5 runs, rec 60 BTF, FFL @ 700'. Lost 170 BW during circ. SIFN. Est 1309 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1175</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>134</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1309</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>700</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig 1,493

BOP 145

Tanks 25

Wtr 150

IPC-supervision 100

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$1,913

TOTAL WELL COST: \$250,313



Attachment #61
11 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/21/96 **Completion Day** 11
Present Operation Swab & run prod tbg **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6073 **BP/Sand PBD:** 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/20/96 **SITP:** 0 **SICP** 0

RU swb. IFL @ sfc, made 10 runs, rec 220 BTF (est 10 BO, 210 BW), FFL @ 1200'. FOC 5% w/tr of sd. TIH w/3 jts tbg. Tag sd @ 6168'. TOH w/tbg. TIH w/prod tbg as follows: NC, 2 jts tbg, SN, 2 jts tbg, TA & 192 jts 2-7/8" 6.5# J-55 tbg. Landed w/EOT @ 6073', SN @ 6009', TA @ 5944'. ND BOP. Set TA w/8,000# tension. NU wellhead. RU swb. SIFN. Est 1099 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1309</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>210</u>	Oil lost/recovered today	<u>10</u>
Ending fluid to be recovered	<u>1099</u>	Cum oil recovered	<u>10</u>
IFL <u>sfc</u> FFL <u>1200</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>5%</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	<u>1,574</u>
BOP	<u>145</u>
Tanks	<u>20</u>
Wtr	<u>300</u>
TA-SN	<u>650</u>
Tbg Head	<u>2,250</u>
IPC-supervision	<u>100</u>

Max TP <u> </u>	Max Rate <u> </u>	Total fluid pmpd: <u> </u>
Avg TP <u> </u>	Avg Rate <u> </u>	Total Prop pmpd: <u> </u>
ISIP <u> </u>	5 min <u> </u>	10 min <u> </u>
	15 min <u> </u>	

Completion Supervisor: Brad Mecham

DAILY COST:	<u>\$5,039</u>
TOTAL WELL COST:	<u>\$255,352</u>



Attachment 6-1
12 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/22/96 **Completion Day** 12
Present Operation Well on production **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6073 **BP/Sand PBTD:** 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/21/96 **SITP:** 50 **SICP** 150

Bleed gas off well. RU swb. IFL @ 500', made 6 runs, rec 110 BTF (est 6 BO, 104 BW), FFL @ 1100'. FOC 5%. RU hot oil trk. Flush tbg w/40 bbls hot wtr. TIH w/rod string as follows: 2-1/2 x 1-1/2 x 12 x 16 RHAC pmp, 4 - 1-1/2" wt rods, 4 - 3/4" scraped rods, 137 - 3/4" plain rods, 94 - 3/4" scraped rods, 3 - 2', 1 - 4', 1 - 6' pony rods & 1-1/2 x 22' polished rod. Seat pmp. Fill tbg w/10 BW. Stroke pmp up to 1,000 psi, held w/good action. RDMO. **PLACE WELL ON PRODUCTION @ 5:30 PM, 12/21/96 W/74" SL @ 7-1/2 SPM.** Est 1045 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1099</u>	Starting oil rec to date	<u>10</u>
Fluid lost/recovered today	<u>54</u>	Oil lost/recovered today	<u>6</u>
Ending fluid to be recovered	<u>1045</u>	Cum oil recovered	<u>16</u>
IFL <u>500</u> FFL <u>1100</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u>5%</u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

IPC-supervision	300
Basin-rig	1,550
Tanks	20
Wtr disposal	500
HO trk	525
Rods/Rotator	6,200
Tbg Head	2,250
Trucking	500
Pmp	700
Pit Reclaim	800
Location Cleanup	200
Sfc Equip	96,330
DAILY COST:	\$109,875
TOTAL WELL COST:	\$365,227

Max TP <u> </u> Max Rate <u> </u> Total fluid pmpd: <u> </u>	
Avg TP <u> </u> Avg Rate <u> </u> Total Prop pmpd: <u> </u>	
ISIP <u> </u> 5 min <u> </u> 10 min <u> </u> 15 min <u> </u>	
Completion Supervisor: <u>Brad Mecham</u>	

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5019'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 143' balance plug using 17 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 344'
6. Plug #4 Circulate 97 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

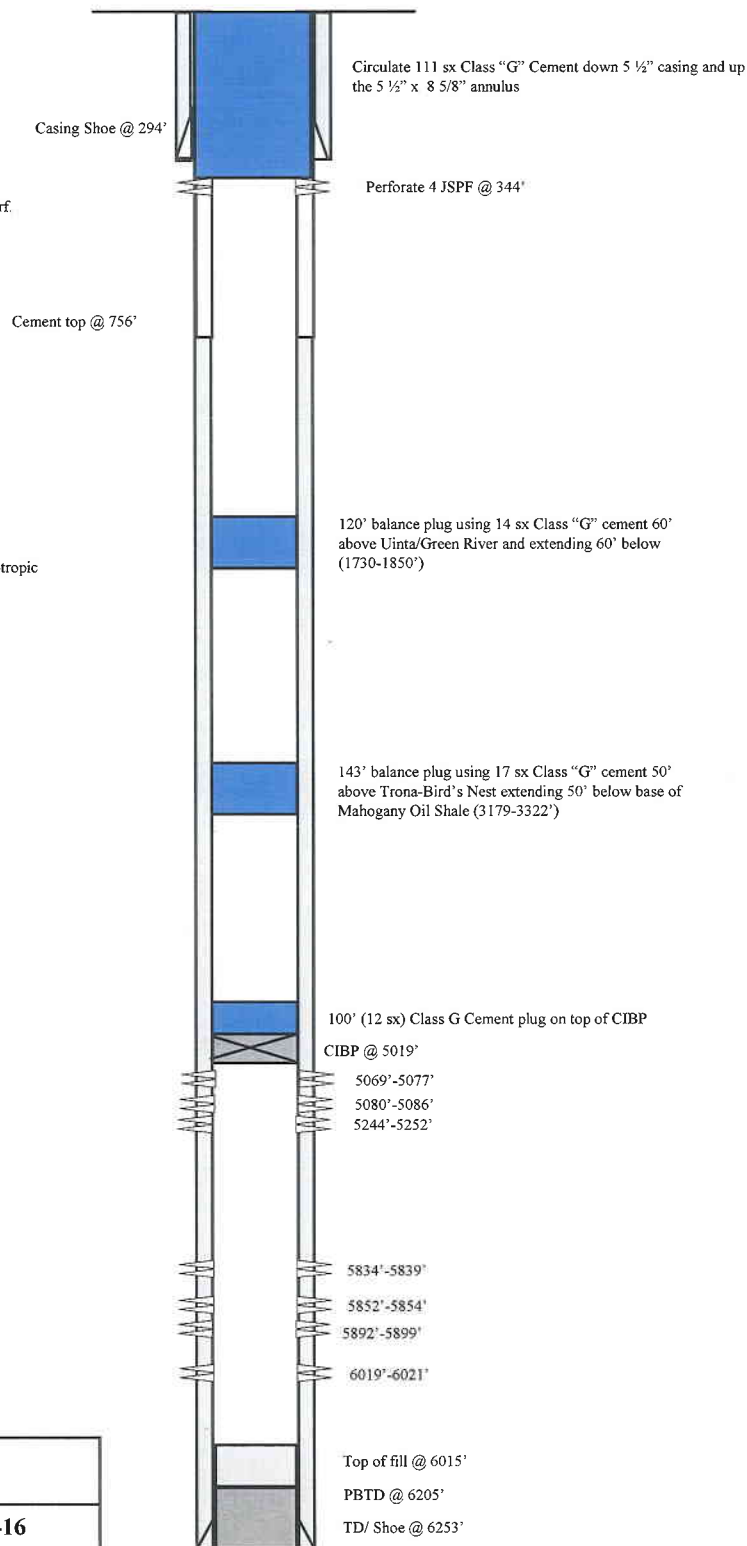
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

Proposed P&A Wellbore Diagram



Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

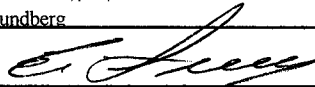
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature



Title

Regulator Analyst

Date

02/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAR. 08 2010

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-1J-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**HAWKEYE 14-23-8-16, MONUMENT BUTTE 4-26-8-16, MONUMENT BUTTE FEDERAL 10-26-8-16,
MONUMENT BUTTE FEDERAL 1-14-9-16, MONUMENT FEDERAL 32-1J-9-16, SOUTH WELLS
DRAW FEDERAL 2-3-9-16, SOUTH WELLS DRAW FEDERAL 8-3-9-16, JONAH FEDERAL 4-11-9-16,
JONAH UNIT 4-12-9-16, FEDERAL 1-23-9-16.**

Cause No. UIC-363

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

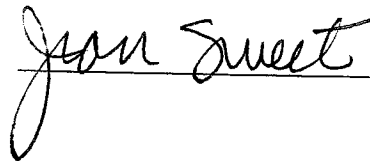
Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818



From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 3/26/2010 11:33 AM
Subject: UIC 363

Jean,
Notice of Agency Action UIC 363 will publish on March 30th.
Thank you,

--
Bonnie Parrish
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
(435) 722-5131
(435) 722-4140 Fax
bonnie@ubstandard.com



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000561251-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	dianeholland@utah.gov	Jean Sweet	jvaldez

Total Amount	\$250.28			
Payment Amt	\$0.00			
Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	20100325	

Confirmation Notes:

Text:

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product	Placement
Salt Lake Tribune::	Legal Liner Notice - 0998

Scheduled Date(s): 03/30/2010

Product	Placement
Deseret News::	Legal Liner Notice - 0998

Scheduled Date(s): 03/30/2010

Product	Placement
sltrib.com::	Legal Liner Notice - 0998

Scheduled Date(s): 03/30/2010

Product	Placement
utahlegals.com::	utahlegals.com

Scheduled Date(s): 03/30/2010

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/Gil Hunt
Associate Director
561251

UPAXLP

From: "Valdez-Carruther, Justina" <jvaldez@mediaoneutah.com>
To: <JSWEET@utah.gov>
Date: 3/26/2010 12:05 PM
Subject: 20100325
Attachments: OrderConf.pdf

MAR 30



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX ID.# 87-0217663

The Salt Lake Tribune

MEDIAOne
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/31/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000561251 /	
SCHEDULE			
Start 03/30/2010		End 03/30/2010	
CUST. REF. NO.			
20100325			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
73	Lines	2.00	COLUMN
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		250.28	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 23, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 2, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Associate Director
561251

UPAXLP

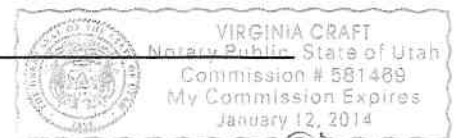
AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 03/30/2010 End 03/30/2010

SIGNATURE

DATE 3/31/2010



Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH


I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of March, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of March, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



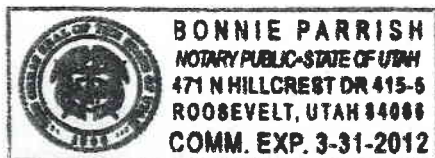
Publisher

Subscribed and sworn to before me this

30 day of March, 20 10



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-363

BEFORE THE DIVI-
SION OF OIL, GAS AND
MINING

DEPARTMENT OF
NATURAL RESOURC-
ES

STATE OF UTAH
IN THE MATTER OF
THE APPLICATION
OF NEWFIELD PRO-
DUCTION COMPANY
FOR ADMINISTRATIVE
APPROVAL OF
CERTAIN WELLS LO-
CATED IN SECTIONS
23 AND 26, TOWNSHIP
8 SOUTH, RANGE 16
EAST; SECTIONS 1, 3,
11, 12 AND 23, TOWN-
SHIP 9 SOUTH, RANGE
16 EAST; DUCHESNE
COUNTY, UTAH, AS
CLASS II INJECTION
WELLS.

THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given
that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing
an informal adjudicative
proceeding to consider the
application of Newfield
Production Company
for administrative ap-
proval of the following
wells located in Duchesne
County, Utah, for conver-
sion to Class II injection
wells:

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-11-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 2-3-9-16 well located
in NW/4 NE/4, Section 3,
Township 9 South, Range

Dated this 25th day of
March, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 30,
2010.

and sworn to before me this

f March, 20 10

ie Parrish

Notary Public

BONNIE PARRISH
NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-S
ROOSEVELT, UTAH 84008
COMM. EXP. 3-31-2012

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-1J-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 8-3-9-16 well located
in SE/4 NE/4, Section 3,
Township 9 South, Range
16 East Jonah Federal 4-
11-9-16 well located in
NW/4 NW/4, Section 11,
Township 9 South, Range
16 East

Jonah Unit 4-12-9-16
well located in NW/4
NW/4, Section 12, Town-
ship 9 South, Range 16
East

Federal 1-23-9-16 well
located in NE/4 NE/4,
Section 23, Township 9
South, Range 16 East

The proceeding will
be conducted in accor-
dance with Utah Admin.
R649-10, Administrative
Procedures.

Selected zones in the
Green River Formation
will be used for water
injection. The maximum
requested injection pres-
sures and rates will be
determined based on frac-
ture gradient information
submitted by Newfield
Production Company.

Any person desiring to
object to the application
or otherwise intervene in
the proceeding, must file a
written protest or notice of
intervention with the Di-
vision within fifteen days
following publication of
this notice. The Division's
Presiding Officer for the
proceeding is Gil Hunt,
Associate Director, at P.O.
Box 145801, Salt Lake
City, UT 84114-5801,
phone number (801) 538-
5340. If such a protest or
notice of intervention is
received, a hearing will be
scheduled in accordance
with the aforementioned
administrative procedural
rules. Protestants and/or
interveners should be
prepared to demonstrate

Dated this 25th day of
March, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 30,
2010.

Monument Butte Fed. NE 10-26-8-16
page 2

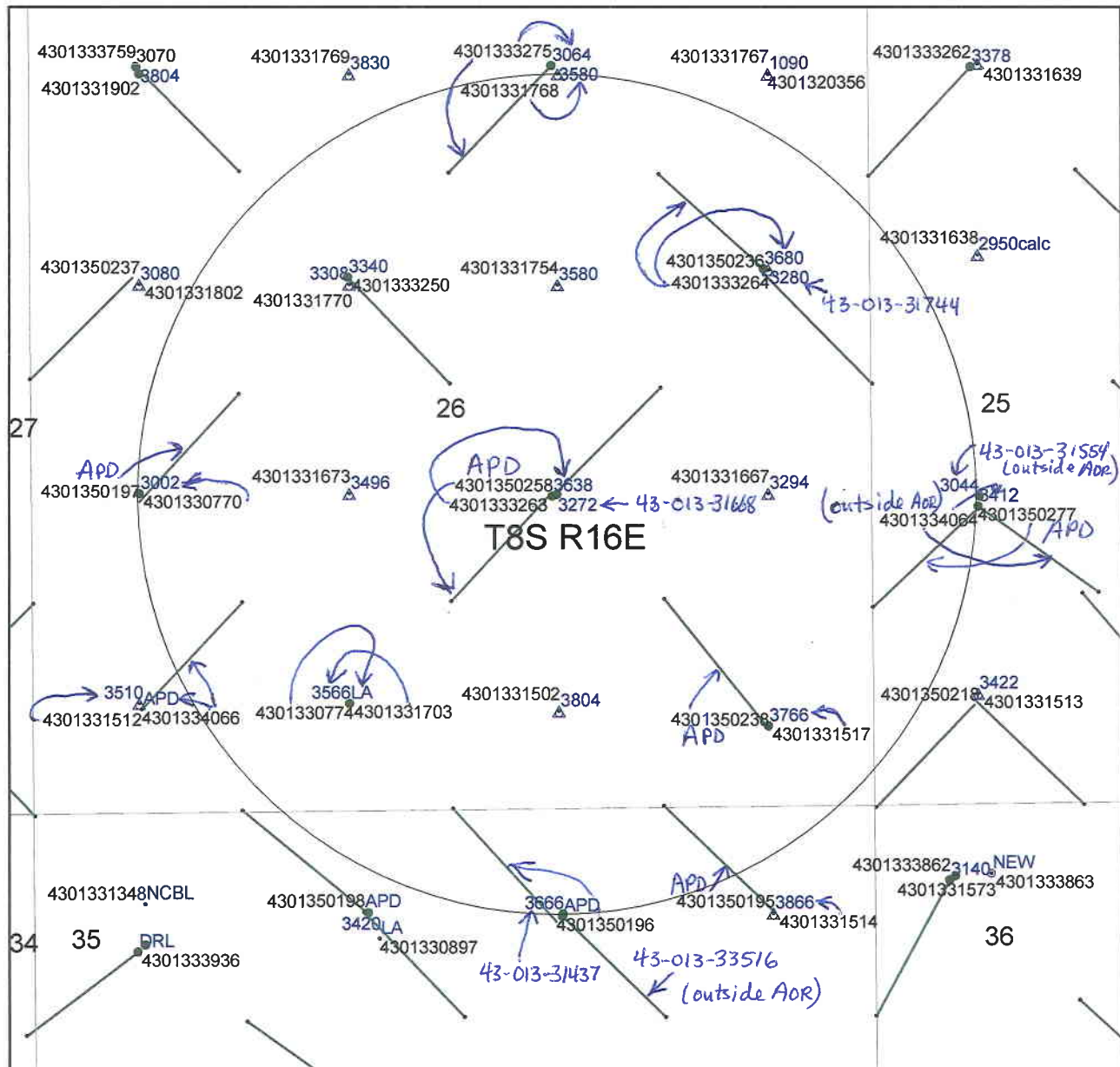
Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 4/6/2010



MONUMENT BUTTE FEDERAL NE 10-26-8-16

API #43-013-31668

UIC-363.4

Legend

Buffer_of_Wells-CbllopeMaster4_27_10

SGID93.ENERGY.DNROIIGasWells

- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- NEW LOCATION
- ✱ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- SHUT-IN OIL
- ✱ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- WATER SUPPLY
- ✱ WATER DISPOSAL
- ✱ DRILLING
- ▲ RETURNED GAS
- ▲ RETURNED OIL
- ✱ GAS INJECTION SI
- ▲ WATER DISP. SUSP.
- ✱ WATER INJ. SUSP.
- Wells-CbllopeMaster4_27_10
- SGID93.ENERGY.DNROIIGasWells_HDBottom
- SGID93.ENERGY.DNROIIGasWells_HDBPath

0 0.16 Miles

1870calc = approx cement top calculated from well completion report





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 3, 2010

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Butte Federal NE 10-26-8-16, Section 26, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31668

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte





March 15, 2011

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Monument Butte Federal 10-26-8-16
API # 43-013-31668

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucy Chavez-Naupoto".

Lucy Chavez-Naupoto
Water Services Technician

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-34346
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1973 FSL 1992 FEL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED NE 10-26
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E		9. API NUMBER: 4301331668
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/10/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Water Services Technician
SIGNATURE 	DATE 03/15/2011

(This space for State use only)

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naunoto

Signature

Title

Water Services Technician

Date

03/15/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
MAR 21 2011

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: WADE DAVIS Date 3/10/11 Time 9:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u>	Field: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u> UTU 87538X
Well Location: <u>MONUMENT BUTTE FEDERAL</u>	API No: _____
<u>NW/SE SEC 26 T8S R16E</u>	<u>43-013-31668</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1260</u>	psig
5	<u>1260</u>	psig
10	<u>1260</u>	psig
15	<u>1260</u>	psig
20	<u>1260</u>	psig
25	<u>1260</u>	psig
30 min	<u>1260</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

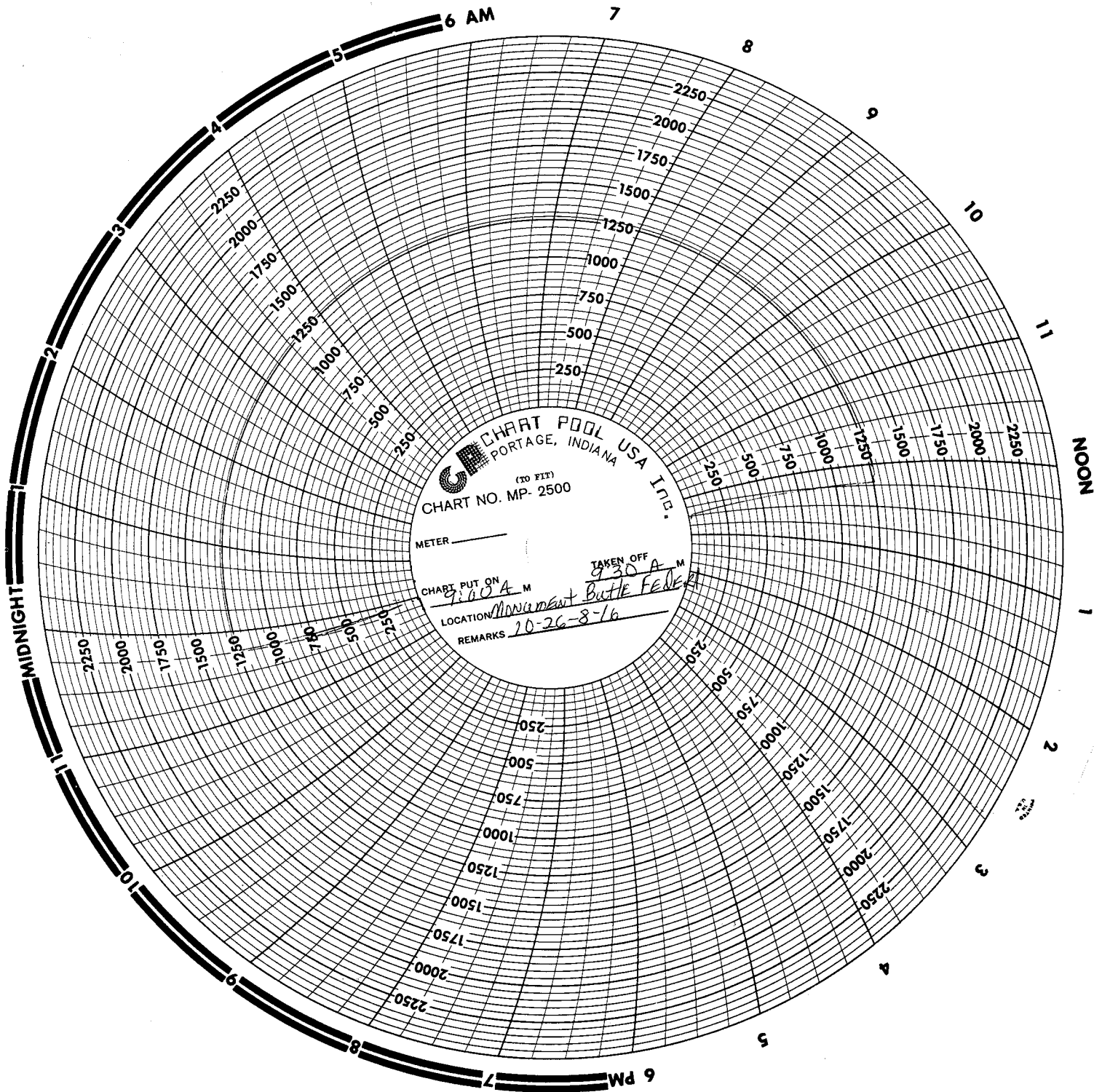
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

David Cloward



Daily Activity Report**Format For Sundry****MON BT NE 10-26-8-16****1/1/2011 To 5/30/2011****3/3/2011 Day: 1****Conversion**

WWS #7 on 3/3/2011 - MIRU Western rig #7. LD rod string & pump. NU BOP & tag fill. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$20,377****3/4/2011 Day: 2****Conversion**

WWS #7 on 3/4/2011 - TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

Daily Cost: \$0**Cumulative Cost: \$22,053****3/11/2011 Day: 3****Conversion**

Rigless on 3/11/2011 - Conversion MIT - On 3/8/2011 Dennis Ingram with the State of Utah

DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 - On 3/8/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$47,373

Pertinent Files: [Go to File List](#)

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Monument Butte Federal NE 10-26-8-16

Location: 26/8S/16E **API:** 43-013-31668

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 294 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,253 feet. A cement bond log demonstrates adequate bond in this well up to 3,272 feet. A 2 7/8 inch tubing with a packer will be set at 5,027 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 1 shut-in well, and 6 injection wells entirely within the area of review (AOR). There is also 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. In addition, there are currently 3 permitted surface locations outside the AOR from which wells will be directionally drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 300 feet. Injection shall be limited to the interval between 4,365 feet and 6,253 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-26-8-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,062 psig. The requested maximum pressure is 2,062 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-363

Operator: Newfield Production Company
Well: Monument Butte Federal NE 10-26-8-16
Location: Section 26, Township 8 South, Range 16 East
County: Duchesne
API No.: 43-013-31668
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 3, 2010.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,365' – 6,253')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

4/7/2011
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-34346

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

8. WELL NAME and NUMBER:

MONUMENT BUTTE FED NE 10-26

9. API NUMBER:

4301331668

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1973 FSL 1992 FEL

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>05/11/2011</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

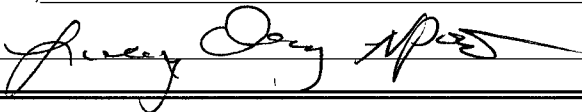
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 3:00 PM on 05/11/2011.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/12/2011

(This space for State use only)

RECEIVED

MAY 19 2011

DIV. OF OIL, GAS & MINING



March 2, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Butte Federal #10-26-8-16
Monument Butte Field, Lease #U-34346
Section 26-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

MAR 08 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT BUTTE FEDERAL ^{NE} #10-26-8-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #U-34346

March 2, 2010

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #10-26-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – HAWKEYE #G-26-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #7-26
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #2-26-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – HAWKEYE FEDERAL #I-26-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #H-26-8-16
ATTACHMENT E-6	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #12-25-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #6-26-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #8-26-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #M-26-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – HAWKEYE FEDERAL #L-26-8-16
ATTACHMENT E-11	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #11-26-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #9-26
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE 14-26-8-16
ATTACHMENT E-14	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #15-26-8-16
ATTACHMENT E-15	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #16-26-8-16
ATTACHMENT E-16	WELLBORE DIAGRAM – BOLL WEEVIL FEDERAL #26-13-8-16
ATTACHMENT E-17	WELLBORE DIAGRAM – FEDERAL #2A-35-8-17
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 12/10/96 – 12/22/96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #10-26-8-16
Field or Unit name: Monument Butte (Green River) Lease No. U-34346
Well Location: QQ NWSE section 26 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
 Disposal? Yes ☐ No ☒
 Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒


Date of test: _____
API number: 43-013-31668

Proposed injection interval: from 4365 to 6253
Proposed maximum injection: rate 500 bpd pressure 2062 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 3/4/10
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

Proposed Injection Wellbore Diagram

Cement top @ 756'

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LDC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bbls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.
07/09/03 Parted Rods. Update rod detail.
03/01/05 Pump change. Updated rod detail.

Packer @ 5027'
5069'-5077'
5080'-5086'
5244'-5252'

5834'-5839'
5852'-5854'
5892'-5899'
6019'-6021'

Top of fill @ 6015'
PBTB @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

Date	Interval	Tool	Holes
12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Federal #10-26-8-16 well, the proposed injection zone is from Garden Gulch to TD (4365' - 6253'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 4038' and the TD is at 6253'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal #10-26-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 **A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 **A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 **An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 **Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 **Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-34346) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 294' KB, and 5-1/2", 15.5# casing run from surface to 6253' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2062 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Butte Federal #10-26-8-16, for existing perforations (5069' - 6021') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2062 psig. We may add additional perforations between 4038' and 6253'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Butte Federal #10-26-8-16, the proposed injection zone (4365' - 6253') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-17.

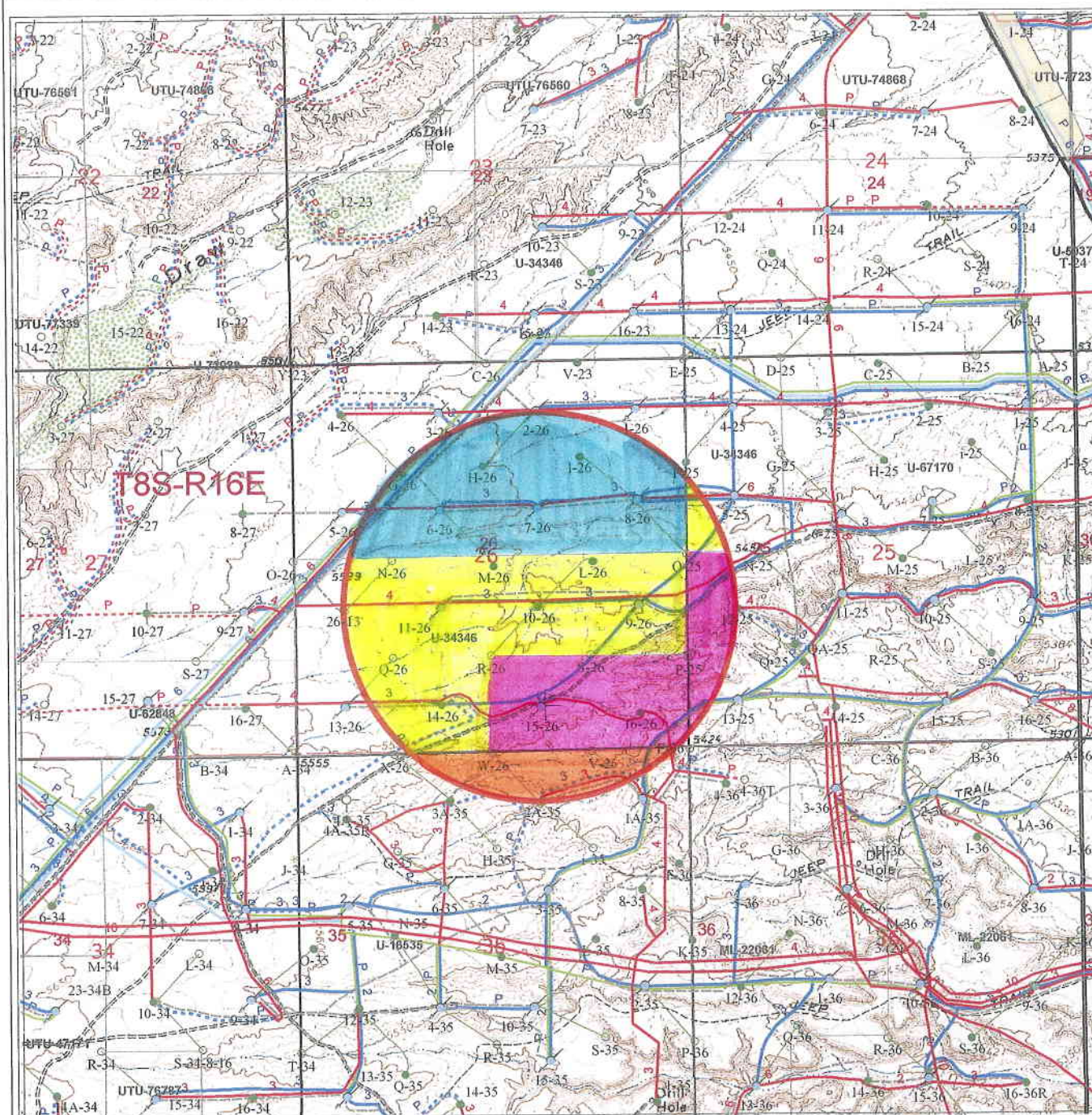
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊙ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- Leases
 - Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - 10-26-8-16 1/2 mile radius

U-3434U
U-73088
U-10535
U-67170

Attachment A

Monument Butte Fed NE 10-26
Section 26, T8S-R16E

NEWFIELD
ROCKY MOUNTAINS



1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

December 21, 2009

T8S, R16E, S.L.B.&M.

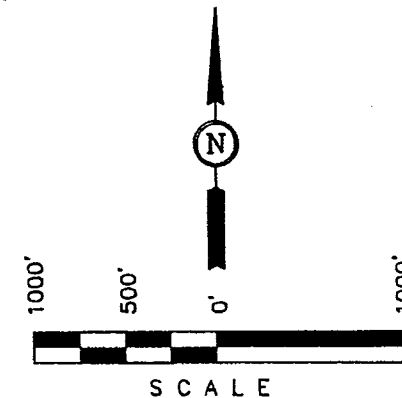
INLAND PRODUCTION CO.

Well location, MONUMENT BUTTE FEDERAL
NORTHEAST #10-26, located as shown in
the NW 1/4 SE 1/4 of Section 26, T8S,
R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION
26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5555 FEET.

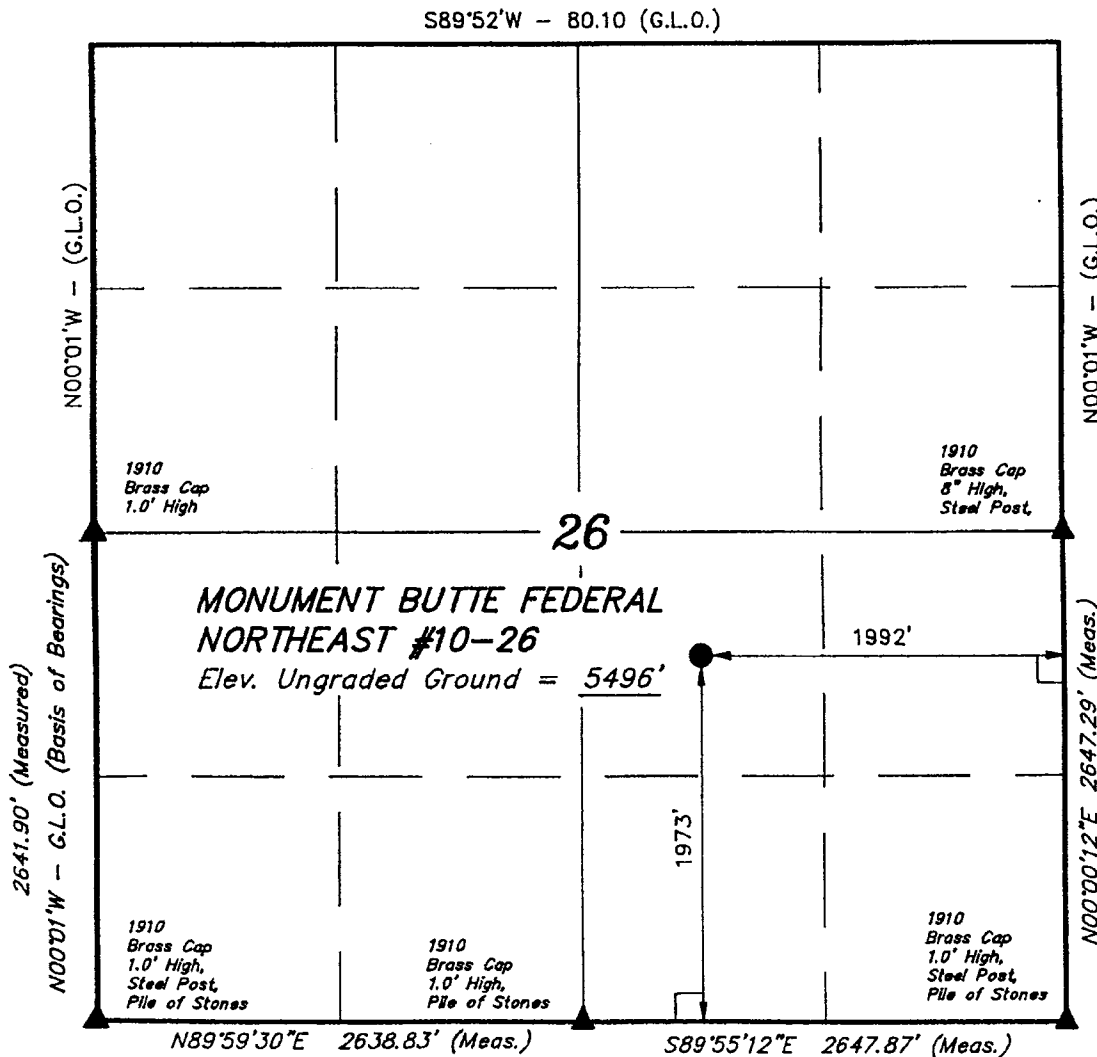
Attachment A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-15-96	DATE DRAWN: 5-17-96
PARTY J.F. D.G. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO	

EXHIBIT B

Page 1 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 23: SE Section 25: W2NW Section 26: SW, N2SE	U-34346 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Citation 1994 Investment LP 8223 Willow Place #250 Houston, TX 77070	(Surface Rights) USA
2.	<u>Township 8 South, Range 16 East</u> Section 22: SE Section 23: SW Section 26: N2 Section 27: NE, S2NW, N2S2	U-73088 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 8 South, Range 16 East</u> Section 35: ALL Section 34: NE, N2SE, SESE	U-16535 HBP	Newfield Production Company 1001 17 th St Suite 2000 Denver, Co 80202 AGK Energy LLC. 624 Wellesley Dr. Houston, TX 77024	(Surface Rights) USA

EXHIBIT B

Page 2

of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
---	------------------	---------------------------------	-----------------------	----------------

Raymond H. Brennan
104 Lee Lane
Bellville, TX 77418
Marian Brennan
104 Lee Lane
Bellville, TX 77418
Davis Bros LLC
Davis Resources
110 West 7th St. Suite 1000
Tulsa, OK 74119
Deer Valley Ltd
800 Bering Drive #305
Houston TX 77057
International Drilling Inc
7710-T Cherry Park PMB 503
Houston, TX 77095
Thomas I Jackson
7710-T Cherry Park PMB 503
Houston, TX 77095

EXHIBIT B

Page 3 of 3

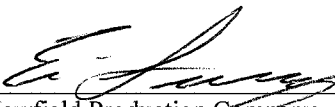
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Beverly Sommer 1025 Crescent Drive Beverly Hills, CA 90210 Texas General Offshore 7710-T Cherry Park PMB 503 Houston, TX 77095 Jasper Warren 17350 State Highway 249 Suite 140 Houston, TX 77064-1140	
4.	<u>Township 8 South, Range 16 East</u> Section 24: S2 Section 25: NE, E2NW, S2 Section 26: S2SE	U-67170 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Butte Federal #10-26-8-16

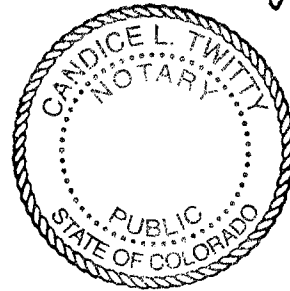
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 4th day of March, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 2-6' x 7/8" pony rod, 100 - 7/8" scraped rods, 94 - 3/4" plain rods, 34 - 3/4" scraped rods, 6-1 1/2" weighted rods
PUMP SIZE: 2 1/2" x 1 3/4" x 16" RHAC pump
STROKE LENGTH: 78"
PUMP SPEED, SPM: 7 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LODC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.

07/09/03 Parted Rods. Update rod detail.

03/01/05 Pump change. Updated rod detail.

Cement top @ 756'

SN @ 5887'

Anchor @ 5822'
5834'-5839'
5852'-5854'
5892'-5899'
EOT @ 5919'
6019'-6021'

Top of fill @ 6015'
PBTD @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

Hawkeye G-26-8-16

Spud Date: 2/27/2009
 Put on Production: 9/29/2009
 GL: 5526' KB: 5538'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (')
 DEPTH LANDED: 337' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts (6581.26')
 DEPTH LANDED: 6639.62'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sx Prem Lite II and 480 sx 50/50 poz
 CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 201 jts (6378')
 TUBING ANCHOR: 6390' KB
 NO. OF JOINTS: 2 jts (63.2')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6456' KB
 NO. OF JOINTS: 1 jt (31.1')
 TOTAL STRING LENGTH: EOT @ 6489'

SUCKER RODS

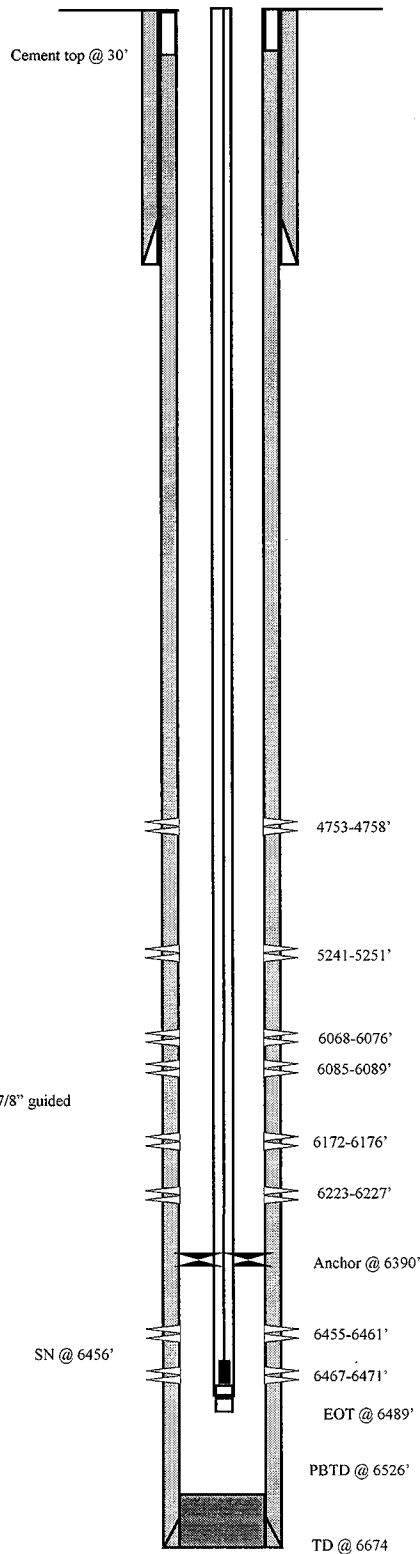
POLISHED ROD: 1 1/2" x 30'
 SUCKER RODS: 1 - 8' x 7/8", 2 - 8' x 7/8" pony rods; 253 - 7/8" guided rods; 4 - 1 1/2" weight bars..
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC
 STROKE LENGTH: 144"
 PUMP SPEED, SPM: 5

FRAC JOB

9/30/2009 6455-6471' Frac CP5 sands as follows: Frac with 71119# 20/40 sand in 306 bbls of Lightning 17 fluid.
 9/30/2009 6172-6227' Frac CP1 and CP2 sands as follows: Frac with 30607# 20/40 sand in 179 bbls of Lightning 17 fluid.
 9/30/2009 6068-6089' Frac LODC sands as follows: Frac with 76814# 20/40 sand in 325 bbls of Lightning 17 fluid..
 9/30/2009 5241-5251' Frac D1 sands as follows: Frac with 70922# 20/40 sand in 297 bbls of Lightning 17 fluid.
 9/30/2009 4753-4758' Frac GB6 sands as follows: Frac with 16084# 20/40 sand in 104 bbls of Lightning 17 fluid.

PERFORATION RECORD

6467-6471'	3 JSPF	12 holes
6455-6461'	3 JSPF	18 holes
6223-6227'	3 JSPF	12 holes
6172-6176'	3 JSPF	12 holes
6085-6089'	3 JSPF	12 holes
6068-6076'	3 JSPF	24 holes
5241-5251'	3 JSPF	30 holes
4753-4758'	3 JSPF	15 holes

**Hawkeye G-26-8-16**

SL: 673' FNL & 679' FWL (NW/NW)
 BHL: 1322' FNL & 1321' FWL (NW/NW)
 Section 26, T8S, R16E
 Duchesne Co, Utah
 API # 43-013-33759; Lease # UTU-73088

Spud Date: 3/22/97
 Put on Production: 4/10/97
 Put on Injection: 3/18/98
 GL: 5493' KB: 5506'

Monument Butte Fed. NE 7-26

Initial Production: 159 BOPD,
 189 MCFPD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 291.93' (7 jts.)
 DEPTH LANDED: 290.43' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 100 sxs Premium cmt.

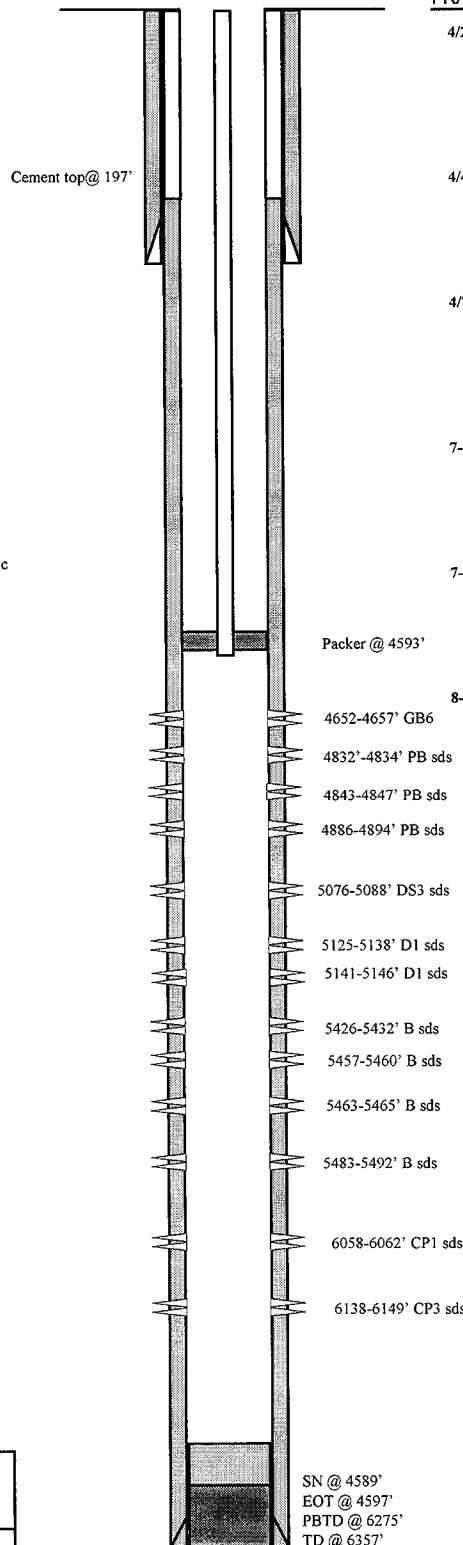
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6350.25')
 DEPTH LANDED: 6348'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 385 sk Hibond mixed & 395 sxs thixotropic
 CEMENT TOP AT: 197' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 147 jts 4575.68' KB
 SEATING NIPPLE: 4588.68' KB
 PACKER: Set @ 4593.03' KB
 TOTAL STRING LENGTH: EOT @ 4597.35' KB

Injection Wellbore Diagram



FRAC JOB

4/2/97 5426'-5492' **Frac B-1 & B-2 sands as follows:**
 97,200# of 20/40 sand in 497 bbls of Boragel. Perfs broke @ 3446 psi. Treated @ avg rate of 26.5 bpm w/avg press of 1950 psi. ISIP-2090 psi, 5-min 1936 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

4/4/97 5125'-5146' **Frac D-1 sand as follows:**
 101,300# of 20/40 sand in 495 bbls of Boragel. Perfs broke @ 2006 psi. Treated @ avg rate of 25 bpm w/avg press of 1820 psi. ISIP-2280, 5-min 2201. Flowback on 12/64" ck for 2-1/2 hours and died.

4/7/97 4832'-4894' **Frac PB-10 & PB-11 sands as follows:**
 91,500# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 2138 psi. Treated at avg rate of 24.5 bpm w/avg press of 2400 psi. ISIP-2739 psi, 5-min 2548 psi. Flowback on 12/64" ck for 5 hours and died.

7-29-05 6058-6149' **Recompletion Frac CP3 & CP1 sands as follows:** 19,0780#s of 20/40 sand in 197 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3974 psi. with avg rate of 14 bpm. ISIP-2200 psi, Calc. flush 1566 gals. Actual flush 1428 gals.

7-29-05 4652-4657' **Recompletion Frac GB6 sands as follows:** 15,181#s of 20/40 sand in 157 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3482 psi. with avg rate of 14.1 bpm. ISIP-2100 psi, Calc. flush 1266 gals. Actual flush 1134 gals.

8-17-05 **MIT completed.**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
4/1/97	5426'-5432'	4 JSPF	24 holes
4/1/97	5457'-5460'	4 JSPF	12 holes
4/1/97	5463'-5465'	4 JSPF	8 holes
4/1/97	5483'-5492'	4 JSPF	36 holes
4/3/97	5125'-5138'	4 JSPF	52 holes
4/3/97	5141'-5146'	4 JSPF	20 holes
4/5/97	4832'-4834'	4 JSPF	8 holes
4/5/97	4843'-4847'	4 JSPF	16 holes
4/5/97	4886'-4894'	4 JSPF	32 holes
7-28-05	6058-6062'	4 JSPF	16 holes
7-28-05	6138-6149'	4 JSPF	44 holes
7-28-05	5076-5088'	4 JSPF	48 holes
7-28-05	4652-4657'	4 JSPF	20 holes

NEWFIELD

Monument Butte Federal NE #7-26
 1984 FEL & 1984 FNL
 SWNE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31754; Lease #U-73088

Monument Butte Federal NE #2-26-8-16

Spud Date: 4/25/97
 Put on Production: 5/31/97
 GL: 5489' KB: 5502'

Initial Production: 44 BOPD,
 95 MCFPD, 26 BWPD

SURFACE CASING

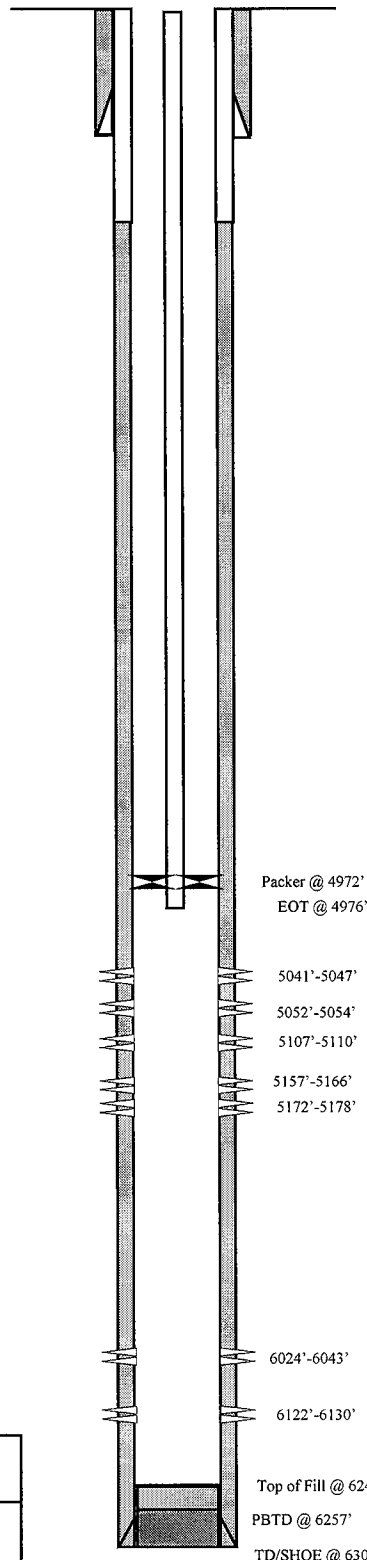
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (291.19')
 DEPTH LANDED: 289.25' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, w/16 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6263.59')
 DEPTH LANDED: 6301.84'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sk Hibond mixed & 405 sxs thixotropic
 CEMENT TOP AT: 785' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 159 jts. (4955.91')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4967.91'
 TOTAL STRING LENGTH: 4976.41'

Injection Wellbore
Diagram**FRAC JOB**

5/21/97 6024'-6130' **Frac LODC & CP-1 sands as follows:**
 150,100# of 20/40 sand in 745 bbls of Boragel. Perfs broke @ 339 psi. Treated @ avg rate of 35.5 bpm w/avg press of 2450 psi. ISIP-3491 psi, 5-min 2538 psi. Flowback on 12/64" ck for 5 hours and died.

5/23/97 5157'-5178' **Frac D-1 sand as follows:**
 117,500# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 1871 psi. Treated @ avg rate of 28.5 bpm w/avg press of 1500 psi. ISIP-1982 psi, 5-min 1670 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/27/97 5041'-5110' **Frac D-S1 & D-S3 sands as follows:**
 53,000# of 20/40 sand in 278 bbls of Boragel. Perfs broke @ 2309 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Screened out w/10 # sand in perfs, 536 gal left to flush. ISIP- 3875 psi, 5-min 2826 psi. Flowback on 12/64" ck for 2 hours and died.

03/12/02 Tubing leak. Update rod and tubing details.
 12/09/02 Tubing leak. Update rod and tubing details.
 06/04/04 Stuck Plunger. Update rod details
 03/17/05 Tubing leak. Update tubing and rod detail
 08/14/06 Tubing Leak. Update rod and tubing details.
 1/22/08 **Well converted to an Injection well.**
 2/11/08 **MIT completed and submitted.**

PERFORATION RECORD

5/20/97	6122'-6130'	4 JSPF	32 holes
5/20/97	6024'-6043'	4 JSPF	76 holes
5/22/97	5172'-5178'	4 JSPF	24 holes
5/22/97	5157'-5166'	4 JSPF	36holes
5/24/97	5107'-5110'	4 JSPF	12 holes
5/24/97	5052'-5054'	4 JSPF	8 holes
5/24/97	5041'-5047'	4 JSPF	24 holes

**Monument Butte Federal NE #2-26-8-16**

660 FNL & 1980 FEL
 NW/NE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31768; Lease #UTU-73088

HAWKEYE FEDERAL I-26-8-16

Spud Date: 05/11/07
Put on Production: 07/12/07
GL: 5474' KB: 5486'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (314-06')
DEPTH LANDED: 324.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6702.17')
DEPTH LANDED: 6700.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 204 jts (6389.14')
TUBING ANCHOR: 6401.14' KB
NO. OF JOINTS: 2 jts (63.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6467.09' KB
NO. OF JOINTS: 2 jts (63.28')
TOTAL STRING LENGTH: EOT @ 6531.92' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2' x 7/8" polished rods, 254-7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 2" x 24' x 24' RHAC
STROKE LENGTH: 168"
PUMP SPEED, 5 SPM:

FRAC JOB

07/06/07 6418-6464' **Frac CP5&BS sands as follows:**
70406# 20/40 sand in 700 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 25.4 BPM. ISIP 2365 psi. Calc flush: 6416 gal. Actual flush: 5897 gal.

07/06/07 6260-6333' **Frac CP3&4 sands as follows:**
70451# 20/40 sand in 629 bbls Lightning 17 frac fluid. Treated @ avg press of 2207 psi w/avg rate of 25.7 BPM. ISIP 2404 psi. Calc flush: 6258 gal. Actual flush: 5670 gal.

07/06/07 5550-5558' **Frac B2 sands as follows:**
40136# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 1822 psi w/avg rate of 25.9 BPM. ISIP 2190 psi. Calc flush: 5548 gal. Actual flush: 5040 gal.

07/06/07 5382-5394' **Frac C sands as follows:**
50193# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 1691 psi w/avg rate of 25.9 BPM. ISIP 1775 psi. Calc flush: 5380 gal. Actual flush: 4876 gal.

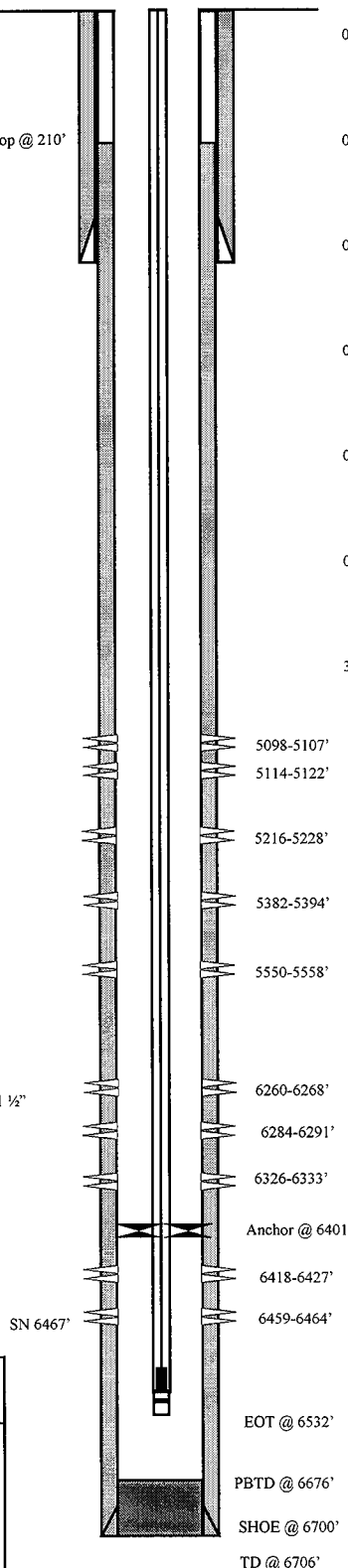
07/06/07 5216-5228' **Frac D1 sands as follows:**
80008# 20/40 sand in 649 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 25.8 BPM. ISIP 2008 psi. Calc flush: 5214 gal. Actual flush: 4700 gal.

07/07/07 5098-5122' **Frac DS1 sands as follows:**
63558# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 25.6 BPM. ISIP 2008 psi. Calc flush: 5096 gal. Actual flush: 5052 gal.

3/17/09 Unit Upgrade.

PERFORATION RECORD

07/06/07	6459-6464'	4 JSPF	20 holes
07/06/07	6418-6427'	4 JSPF	36 holes
07/06/07	6326-6333'	4 JSPF	28 holes
07/06/07	6284-6291'	4 JSPF	28 holes
07/06/07	6260-6268'	4 JSPF	32 holes
07/06/07	5550-5558'	4 JSPF	32 holes
07/06/07	5382-5394'	4 JSPF	48 holes
07/06/07	5216-5228'	4 JSPF	48 holes
07/06/07	5114-5122'	4 JSPF	32 holes
07/06/07	5098-5107'	4 JSPF	36 holes

**HAWKEYE FEDERAL I-26-8-16**

At Surface: 1911' FNL & 668' FEL

At Producing Zone: 1324' FNL & 1323' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-33264; Lease # UTU-73088

Federal H-26-8-16

Spud Date: 3-8-07
Put on Production: 5-10-07
GL: 5489' KB: 5501'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.11')
DEPTH LANDED: 324.96' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6698.57')
DEPTH LANDED: 6711.82' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 44'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 203 jts (6392.26')
TUBING ANCHOR: 6404.26' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6438.58' KB
NO. OF JOINTS: 2 jts (63.15')
TOTAL STRING LENGTH: EOT @ 6503.28' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8", 6', 2' X 7/8" pony rods, 252- 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC w/SM plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

05-03-07 6439-6454' **Frac CP5 sands as follows:**
70354# 20/40 sand in 577 bbls Lightning 17 frac fluid. Treated @ avg press of 2211 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc flush: 6437 gal. Actual flush: 5964 gal.

05-03-07 6155-6170' **Frac CP1 sands as follows:**
75935# 20/40 sand in 603 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25 BPM. ISIP 2320 psi. Calc flush: 6153 gal. Actual flush: 5670 gal.

05-03-07 5575-5582' **Frac B2 sands as follows:**
20287# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 2263 psi w/avg rate of 25 BPM. ISIP 1947 psi. Calc flush: 5573 gal. Actual flush: 5124 gal.

05-03-07 5411-5434' **Frac C sands as follows:**
14999# 20/40 sand in 487 bbls Lightning 17 frac fluid. Treated @ avg press of 2067 w/ avg rate of 24.6 BPM. ISIP 2175 psi. Calc flush: 5046 gal. Actual flush: 4578 gal.

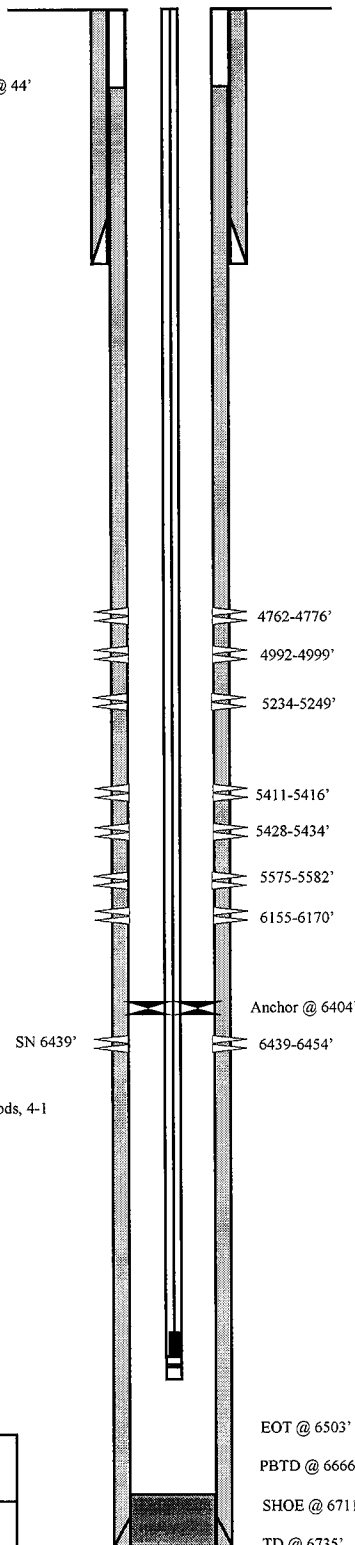
05-03-07 5234-5249' **Frac D1 sands as follows:**
65418# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2013 w/ avg rate of 25 BPM. ISIP 2144 psi. Calc flush: 4232 gal. Actual flush: 4788 gal.

05-03-07 4992-4999' **Frac PB10 sands as follows:**
14861# 20/40 sand in 252 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 w/ avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 4990 gal. Actual flush: 4536 gal.

05-04-07 4762-4776' **Frac GB6 sands as follows:**
111279# 20/40 sand in 900 bbls Lightning 17 frac fluid. Treated @ avg press of 2516 w/ avg rate of 25 BPM. ISIP 3324 psi. Calc flush: 4760 gal. Actual flush: 4662 gal.

PERFORATION RECORD

04-26-07	6439-6454'	4 JSPF	60 holes
05-03-07	6155-6170'	4 JSPF	60 holes
05-03-07	5575-5582'	4 JSPF	28 holes
05-03-07	5428-5434'	4 JSPF	24 holes
05-03-07	5411-5416'	4 JSPF	20 holes
05-03-07	5234-5249'	4 JSPF	60 holes
05-03-07	4992-4999'	4 JSPF	28 holes
05-03-07	4762-4776'	4 JSPF	56 holes

**Federal H-26-8-16**

644' FNL & 1995' FEL

NW/NE Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33275; Lease # UTU-73088

Monument Butte Federal 12-25-8-16

Spud Date: 10/19/95
Put on Production: 12/15/1995
GL: 5442' KB: 5455'

Wellbore Diagram

IP: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305)
DEPTH LANDED: 301.97
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6188.91')
DEPTH LANDED: 6186.11'
HOLE SIZE: 7-7/8"
CEMENT DATA: 270 sx HiFill & 340 sx Thrixotropic
CEMENT TOP AT: 360'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5337.86')
TUBING ANCHOR: 5350.86'
NO. OF JOINTS: 3 jts (94.27')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5316.93'
NO. OF JOINTS: 2 jts (63.26')
TOTAL STRING LENGTH: EOT @ 5508.74'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
SUCKER RODS: 2', 4', 8', x 3/4" pony rods, 98-3/4" guided rods, 79-3/4" plain rods, 36-3/4" guided rods (top20 new), 4-1 1/2" K-bars.
PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 12.5' x 15.5' RHAC Axelson pump
STROKE LENGTH: 42"
PUMP SPEED, SPM: 4 SPM

FRAC JOBS

12/08/95 5380'-5418' **Frac B sands as follows:**
63,900# 20/40 sand in 511 bbls Boragel fluid. Treated @ avg pressure of 2100 psi with avg rate of 30 BPM. ISIP 2048 psi.

12/09/95 5221'-5239' **Frac C sands as follows:**
64,000# 20/40 sand in 500 bbls Bora gel. Treated @ avg pressure of 1700 psi with avg rate of 28.5 BPM. ISIP 2052 psi.

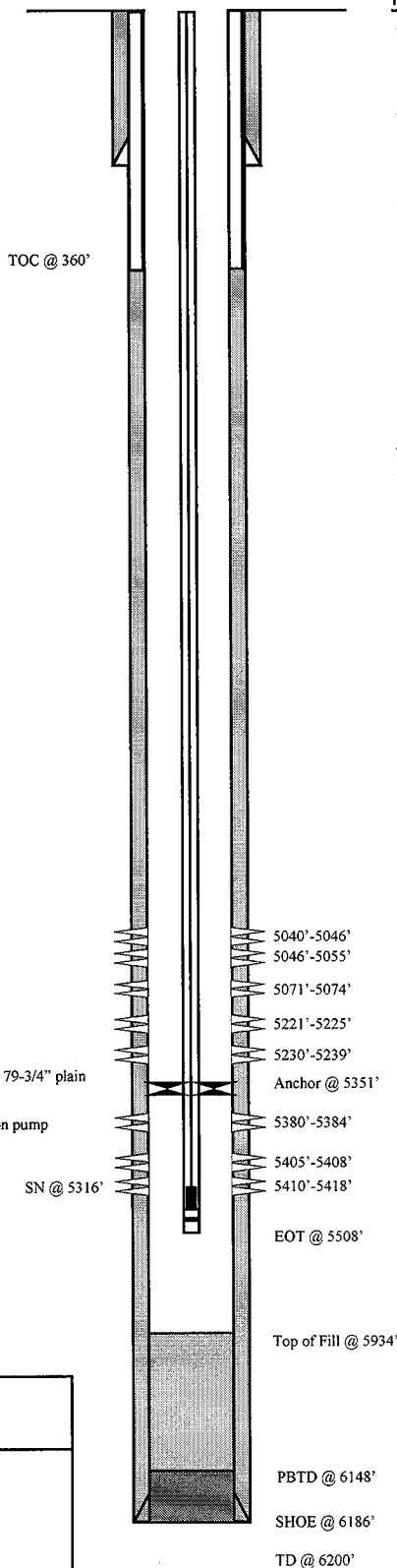
10/30/02 5380'-5418' **Refrac existing B2 sands and frac new B2 sands as follows:**
48,195# 20/40 sand in 376 bbls Viking I-25 fluid. Treated @ avg pressure of 3325 psi with avg rate of 16 BPM. ISIP-2080 psi.
Calc. flush: 1391gals Actual flush: 1302 gals

10/30/02 5040'-5074' **Refrac existing D1 sands and frac new D1 sands as follows:**
48,807# 20/40 sand in 410 bbls Viking I-25 fluid. Treated @ avg pressure of 2100 psi with avg rate of 21 BPM. ISIP-2350 psi.
Calc. flush: 5040 gals Actual flush: 4956 gals

9/9/03
7-15-05
Tubing leak. Update rod and tubing detail.
Pump change: Update rod and tubing detail

PERFORATION RECORD

12/07/95 5410'-5418' 4 JSPF 32 holes
12/07/95 5380'-5384' 4 JSPF 16 holes
12/09/95 5230'-5239' 4 JSPF 36 holes
12/09/95 5221'-5225' 4 JSPF 16 holes
12/12/95 5071'-5074' 4 JSPF 12 holes
12/12/95 5046'-5055' 4 JSPF 36 holes
10/29/02 5405'-5408' 4 JSPF 12 holes
10/29/02 5040'-5046' 4 JSPF 24 holes



NEWFIELD

Monument Butte Federal 12-25-8-16

670' FWL 1901' FSL
NW/SW Section 25-T8S-R16E
Duchesne Co, Utah
API #43-013-31554; Lease #UTU-67170

Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97
 Put on Production: 5/1/97
 GL: 5510' KB: 5523'

Initial Production: 178 BOPD,
 192 MCFPD, 15 BWPD

SURFACE CASING

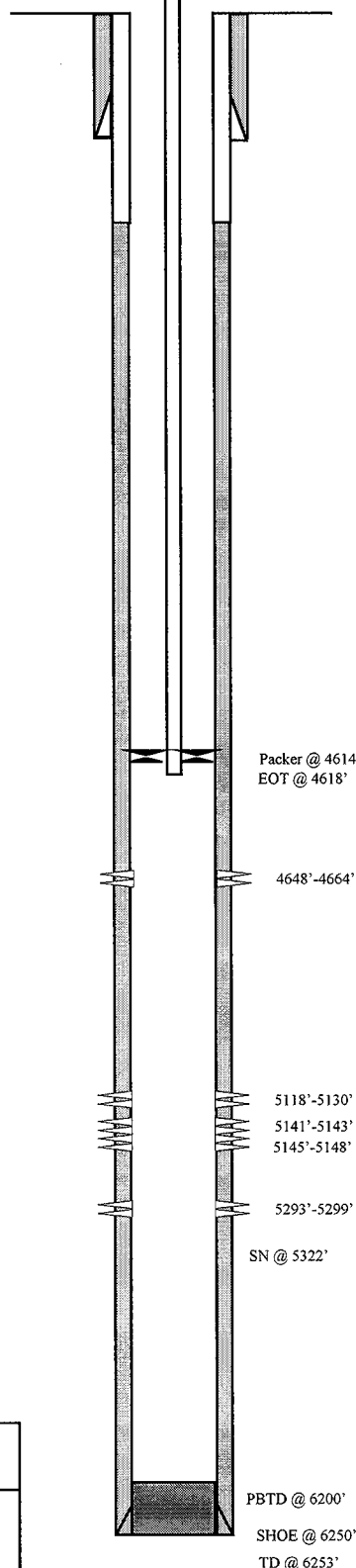
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 292.52' (7 jts.)
 DEPTH LANDED: 290.25' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (6210.98')
 DEPTH LANDED: 6249.89'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic
 CEMENT TOP AT: 664' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 148 jts (4596.26')
 TUBING ANCHOR: 4613.53'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 4617.75'
 SN LANDED AT: 4609.26'

Injection Wellbore
DiagramFRAC JOB

4/21/97 5293'-5299' **Frac C sand as follows:**
 2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sand, 2031 gal of 6-8 PPG of 20/40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand.
 4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2/7 bpm w/1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' **Frac D-1 sand as follows:**
 92,000# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/avg rate of 25.3 bpm. ISIP-2366, 5-min 2227 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' **Frac GB-6 sand as follows:**
 89,400# of 20/40 sand in 456 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/avg press of 2200 psi. ISIP-2818 psi. 5-min 2774 psi. Flowback on 12/64" ck for 4 hours and died.

11/4/08 **Well converted to an Injection Well.**
 11/14/08 **MIT completed and submitted.**

PERFORATION RECORD

4/19/97	5293'-5299'	4 JSPF	24 holes
4/24/97	5118'-5130'	4 JSPF	48 holes
4/24/97	5141'-5143'	4 JSPF	8 holes
4/24/97	5145'-5148'	4 JSPF	12 holes
4/26/97	4648'-4664'	4 JSPF	64 holes

NEWFIELD**Monument Butte Federal NE #6-26-8-16**

1980 FNL 1980 FWL
 SE/NW Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31770; Lease #UTU-73088

Monument Butte Federal NE #8-26-8-16

Spud Date: 03/02/97
Put on Production: 03/22/97
GL: 5472' KB: 5485'

Initial Production: 80 BOPD,
68 MCFPD, 12 BWPD

SURFACE CASING

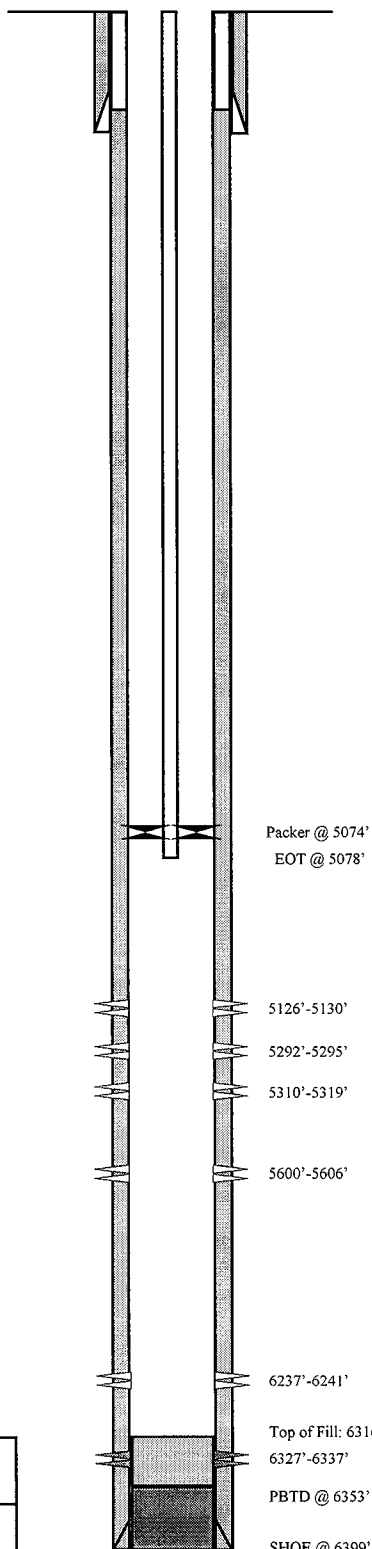
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 287.59' (7 jts)
DEPTH LANDED: 288' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts (6407.79')
DEPTH LANDED: 6399.29'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sxs Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 241' per KB

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
NO. OF JOINTS: 163 jts. (5057.40')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5069.40' KB
TOTAL STRING LENGTH: EOT 5077.95' KB

Injection Wellbore
DiagramFRAC JOB

3/12/97 6237'-6337' **Frac CP-4 & CP-5 sands as follows:**
114,800# of 20/40 sand in 551 bbls of Boragel. Treated at avg rate of 26.3 bpm w/avg press of 2350 psi. ISIP-3840 psi. Calc. flush: 6237 gal. Actual flush: 4223 gal. Screened out.

3/14/97 5600'-5606' **Frac A-1 sand as follows:**
110,800# of 20/40 sand in 560 bbls of Boragel. Treated @ avg rate of 24.4 bpm w/avg press of 1850 psi. ISIP-2224 psi. Calc. flush: 5600 gal. Actual flush: 5518 gal.

3/17/97 5292'-5319' **Frac C sand as follows:**
109,100# of 20/40 sand in 566 bbls of Boragel. Treated @ avg rate of 24.8 bpm w/avg press of 1650 psi. ISIP-1879 psi. Calc. flush: 5292 gal. Actual flush: 5206 gal.

3/19/97 5126'-5130' **Frac D-1 sand as follows:**
113,700# of 20/40 sand in 593 bbls of Boragel. Treated @ avg rate of 20.5 bpm w/avg press of 2100 psi. ISIP-2198 psi. Calc. flush: 5126 gal. Actual flush: 5015 gal.

10/9/02 Tubing leak. Update rod and tubing details.

2/21/03 Parted rods. Update rod details.

5/17/03 Tubing leak. Update rod and tubing details.

1/13/04 Parted rods. Update rod details.

9/1/04 Parted rods. Update rod details.

4/9/08 **Well converted to an Injection well.**

4/24/08 **MIT completed and submitted.**

PERFORATION RECORD

3/12/97	6237'-6241'	4 JSPF	16 holes
3/12/97	6327'-6337'	4 JSPF	40 holes
3/13/97	5600'-5606'	4 JSPF	24 holes
3/15/97	5292'-5295'	4 JSPF	12 holes
3/15/97	5310'-5319'	4 JSPF	36 holes
3/18/97	5126'-5130'	4 JSPF	16 holes



Monument Butte Federal NE #8-26-8-16

1891' FNL & 655' FEL
SE/NE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31744; Lease #UTU-73088

Federal M-26-8-16

Spud Date: 7-10-07
 Put on Production: 8-17-07
 GL: 5512' KB: 5524'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.63')
 DEPTH LANDED: 313.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 157 jts. (6669.57')
 DEPTH LANDED: 6682.82' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

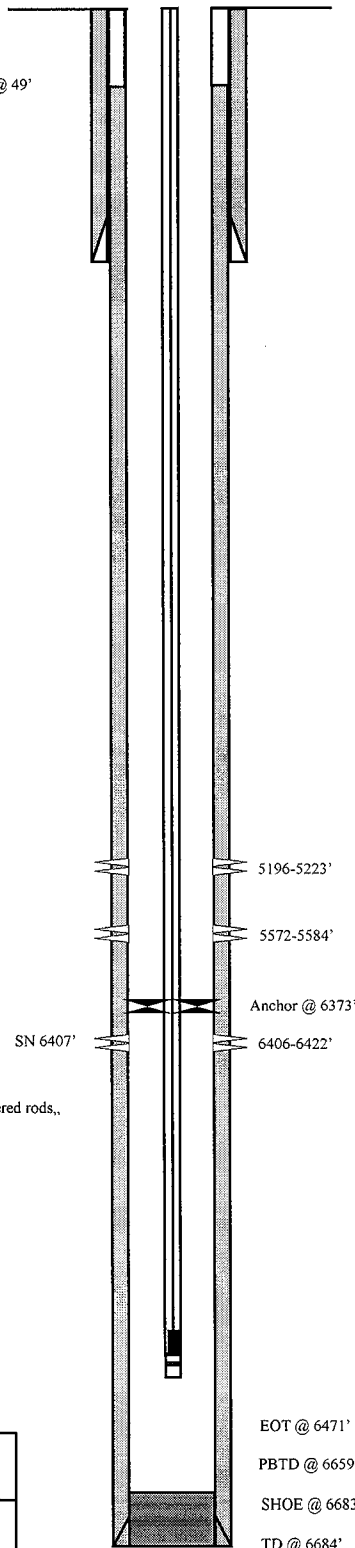
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 202 jts (6360.56')
 TUBING ANCHOR: 6372.56' KB
 NO. OF JOINTS: 1 jts (31.55')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6406.91' KB
 NO. OF JOINTS: 2 jts (62.81')
 TOTAL STRING LENGTH: EOT @ 6471.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2', 1-6', & 1-8' x 7/8" pony rods, 251- 7/8" scraped rods,,
 4-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 123"
 PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 49'



Initial Production: BOPD,
 MCFD, BWPD

FRAC JOB

08-13-07 6406-6422' **Frac cp5sands as follows:**
 80171# 20/40 sand in 672 bbls Lightning 17
 frac fluid. Treated @ avg press of 2170 psi
 w/avg rate of 24.8 BPM. ISIP 2410 psi. Calc
 flush: 6404 gal. Actual flush: 5817 gal.

08-13-07 5572-5584' **Frac B2 sands as follows:**
 24767# 20/40 sand in 376 bbls Lightning 17
 frac fluid. Treated @ avg press of 4225 psi
 w/avg rate of 24.8 BPM. ISIP 1730 psi. Calc
 flush: 5570 gal. Actual flush: 4998 gal.

08-13-07 5196-5223' **Frac D1 sands as follows:**
 137131# 20/40 sand in 996 bbls Lightning 17
 frac fluid. Treated @ avg press of 1848 psi
 w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc
 flush: 5194 gal. Actual flush: 5082 gal.

PERFORATION RECORD

08-08-07	6406-6422'	4 JSPF	64 holes
08-13-07	5572-5584'	4 JSPF	48 holes
08-13-07	5196-5223'	4 JSPF	108 holes

NEWFIELD**Federal M-26-8-16**

1983' FNL & 2001' FWL

SE/NW Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33250; Lease # UTU-34346

Hawkeye Federal L-26-8-16

Spud Date: 6-4-07
Put on Production: 7-19-07

GL: 5498' KB: 5510'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.99')
DEPTH LANDED: 314.89' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

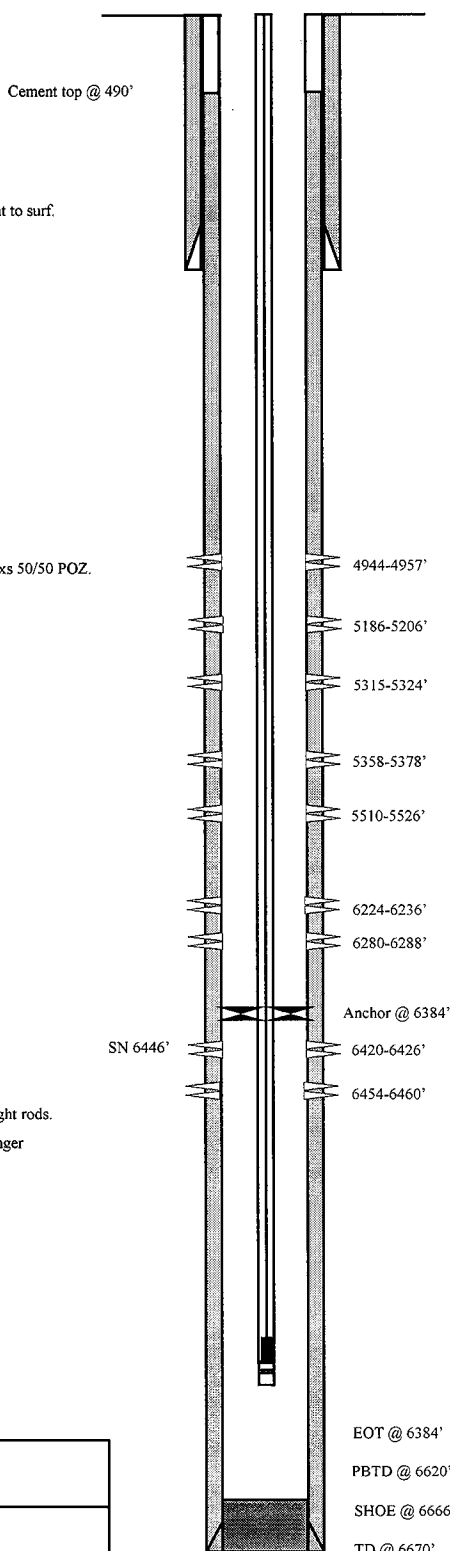
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6652.98')
DEPTH LANDED: 6666.23' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 490'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 206 jts (6372.13')
TUBING ANCHOR: 6384.13' KB
NO. OF JOINTS: 2 jts (59.04')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6445.82' KB
NO. OF JOINTS: 2 jts (60.97')
TOTAL STRING LENGTH: EOT @ 6508.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 252 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 2" x 24' x 24' RHAC w/SM plunger
STROKE LENGTH: 168"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07-12-07	6420-6460'	Frac BS, & CP5 sands as follows: 50822# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6418 gal. Actual flush: 5964 gal.
07-13-07	6224-6288'	Frac CP3, & CP2 sands as follows: 49244# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6222 gal. Actual flush: 5712 gal.
07-13-07	5510-5526'	Frac B1 sands as follows: 69501# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2737 psi w/avg rate of 26.8 BPM. ISIP 3052 psi. Calc flush: 5508 gal. Actual flush: 5082 gal.
07-13-07	5315-5378'	Frac C, & D3 sand as follows: 39606# 20/40 sand in 422 bbls Lightning 17 frac fluid. Treated @ avg press of 1998 w/ avg rate of 24.5 BPM. ISIP 2067 psi. Calc flush: 5313 gal. Actual flush: 4872 gal.
07-13-07	5186-5206'	Frac D1 sand as follows: 59495# 20/40 sand in 524 bbls Lightning 17 frac fluid. Treated @ avg press of 2047 w/ avg rate of 24.5 BPM. ISIP 2352 psi. Calc flush: 5184 gal. Actual flush: 4704 gal.
07-13-07	4944-4957'	Frac PB11 sand as follows: 46754# 20/40 sand in 449 bbls Lightning 17 frac fluid. Treated @ avg press of 2314 w/ avg rate of 24.6 BPM. ISIP 2342 psi. Calc flush: 4942 gal. Actual flush: 4830 gal.
3/17/09		Unit Upgrade.

PERFORATION RECORD

07-12-07	6454-6460'	4 JSPF	24 holes
07-12-07	6420-6426'	4 JSPF	24 holes
07-12-07	6280-6288'	4 JSPF	32 holes
07-12-07	6224-6236'	4 JSPF	48 holes
07-13-07	5510-5526'	4 JSPF	64 holes
07-13-07	5358-5378'	4 JSPF	80 holes
07-13-07	5315-5324'	4 JSPF	36 holes
07-13-07	5186-5206'	4 JSPF	80holes
07-13-07	4944-4957'	4 JSPF	52 holes

NEWFIELD**Hawkeye Federal L-26-8-16**

1968' FSL & 2013' FEL

NW/SE Section 26-T8S-R16E

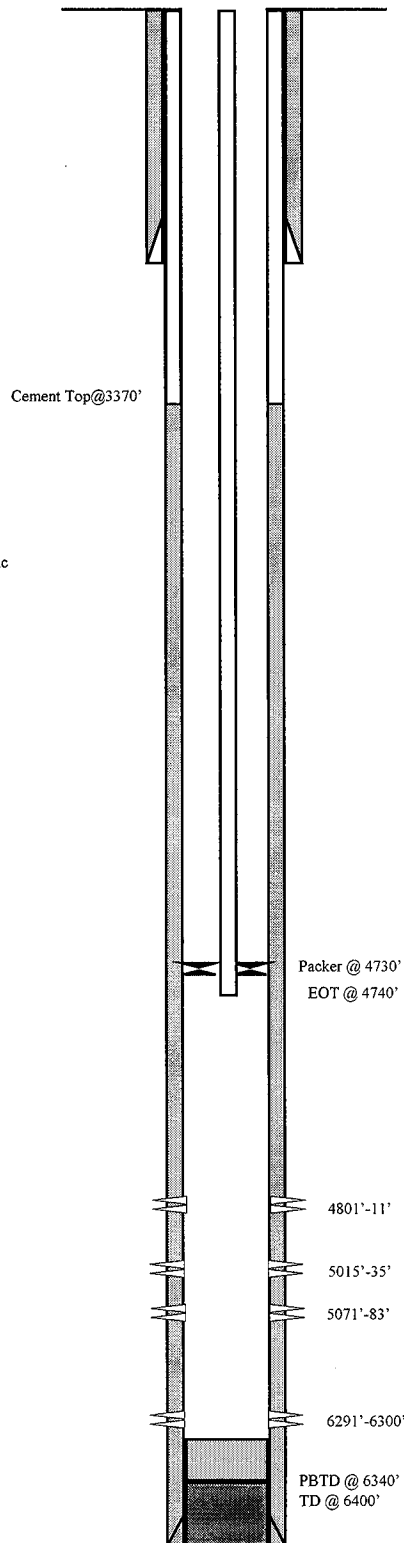
Duchesne Co, Utah

API # 43-013-33263; Lease # UTU-34346

Spud Date: 3/14/97

Put on Production: 4/5/97
GL: 5516' KB: 5529'

Monument Butte Federal #11-26-8-16

Initial Production: 93 BOPD,
120 MCFPD, 18 BWPDSURFACE CASINGCSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 291.40'(7 jts.)
DEPTH LANDED: 291' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 6 bbls to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6357.73')
DEPTH LANDED: 6354.71'
HOLE SIZE: 7-7/8"
CEMENT DATA: 390 sk Hibond mixed & 370 sxs thixotropic
CEMENT TOP AT: 3370' per CBLTUBINGSIZE/GRADE/WT.: 2-7/8" / WC-50 & J-55 / 6.5#
NO. OF JOINTS: 206 jts
TUBING ANCHOR: 6088'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6223'
SN LANDED AT: 6153'Injection Wellbore
DiagramFRAC JOB

3/27/97 6291'-6300' **Frac CP-4 sand as follows:**
79,400# of 20/40 sand in 441 bbls of Boragel. Screened out w/5133 gal flush pumped (69,900# sand in formation, 9500# sand in csg). Perfs broke @ 4006 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2900 psi. ISIP-4000psi, 5-min 2466 psi. Flowback on 12/64" ck for 3 hours and died.

3/28/97 5015'-5083' **Frac D-1 and D-Stray sands as follows:**
123,500# of 20/40 sand in 592 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate of 24 bpm w/avg press of 1700 psi. ISIP-2885 psi, 5-min 2730 psi. Flowback on 12/64" ck for 3 hours and died.

3/31/97 4801'-4813' **Frac PB-10 sand as follows:**
91,100# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 3546 psi. Treated @ avg rate of 22.2 bpm w/avg press of 2200 psi. ISIP-2787 psi, 5-min 2691 psi. Flowback on 12/64" ck for 3 hours and died.

5/15/08 **5 Year MIT completed and submitted.**

PERFORATION RECORD

3/26/97	6291'-6300'	4 JSPF	36 holes
3/28/97	5015'-5035'	4 JSPF	80 holes
3/28/97	5071'-5083'	4 JSPF	48 holes
3/29/97	4801'-4811'	4 JSPF	40 holes



Monument Butte Federal #11-26
1980 FWL 1980 FSL
NESW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31673; Lease #U-34346

CR 5/20/08

Spud Date: 11/13/96
 Put on Injection: 11/25/97
 GL: 5495' KB: 5508'

Monument Butte Federal #9-26

Initial Production: 104 BOPD,
 144 MCFPD, 4 BWPD

Injector Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 307.14' (9 jts.)
 DEPTH LANDED: 305.04' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (6413.33')
 DEPTH LANDED: 6399.33'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 480 sxs thixotropic
 CEMENT TOP AT: 788' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 205 jts (?)
 PACKER: Set @ 4742' KB
 SEATING NIPPLE:
 TOTAL STRING LENGTH: EOT @ 4742'
 SN LANDED AT:

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5413'-5457' **Frac B-1 & B-2 sands as follows:**
 81,700# of 20/40 sand in 492 bbls of
 Boragel. Breakdown @ 2410 psi. Treated @
 avg rate of 22.4 bpm w/avg press of 1750
 psi. ISIP-2406 psi, 5-min 2379 psi.
 Flowback on 12/64" ck for 4 hours and
 died.

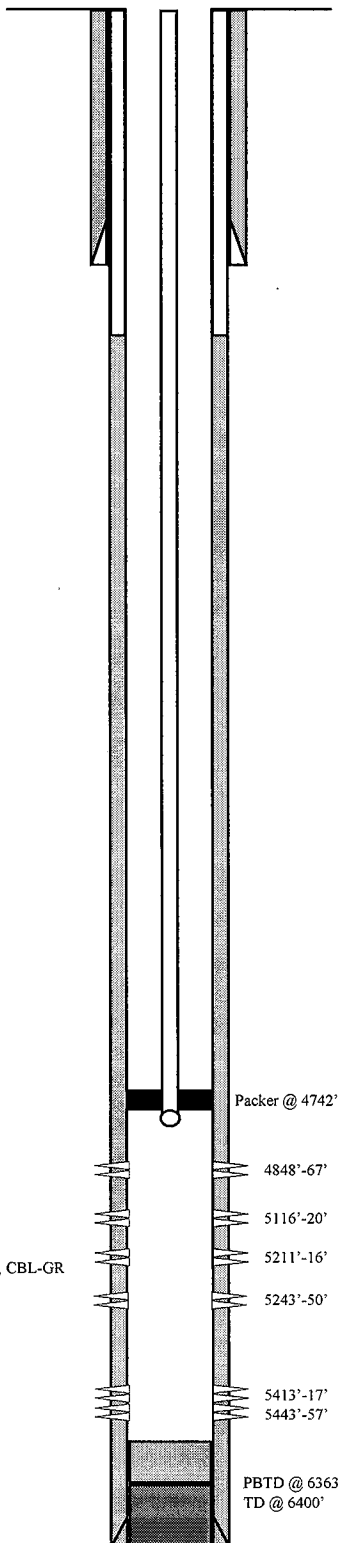
12/14/96 5116'-5250' **Frac D-1, D-3 & C sand as follows:**
 106,900# of 20/40 sand in 565 bbls of
 Boragel. Breakdown @ 2008 psi. Treated @
 avg rate of 25.8 bpm w/avg press of 1700
 psi. ISIP-2694, 5-min 2595 psi. Flowback
 on 12/64" ck for 3 hours and died.

12/16/96 4848'-4867' **Frac PB-11 sand as follows:**
 72,800# of 20/40 sand in 412 bbls of
 Boragel. Breakdown @ 2857 psi. Treated @
 avg rate of 18.6 bpm w/avg press of 2100
 psi. ISIP-2616 psi, 5-min 2550 psi.
 Flowback on 12/64" ck for 3 hours and
 died.

08/23/07 **5 Year MIT**

PERFORATION RECORD

12/11/96	5413'-5417'	4 JSPF	16 holes
12/11/96	5443'-5457'	4 JSPF	56 holes
12/12/96	5243'-5250'	4 JSPF	28 holes
12/12/96	5211'-5216'	4 JSPF	20 holes
12/12/96	5116'-5120'	4 JSPF	16 holes
12/14/96	4848'-4867'	4 JSPF	76 holes



Monument Butte Federal #9-26
 660 FEL 1980 FNL
 NESE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31667; Lease #U-34346

Spud Date: 11/13/96
Put on Production: 1/10/97
GL: 5531' KB: 5544'

Monument Butte Federal NE #14-26-8-16

Initial Production: 75 BOPD,
121 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 297.90' (7 jts.)
DEPTH LANDED: 291.30' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (6257')
DEPTH LANDED: 6252'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sk Hibond mixed & 390 sxs thixotropic
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 191 jts (5901.89')
TUBING ANCHOR: 5946.65' KB
NO. OF JOINTS: 2 jts (62.23')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6015.18' KB
NO. OF JOINTS: 2 jts (62.16')
TOTAL STRING LENGTH: EOT @ 6077.34'

SUCKER RODS


POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 6-1 1/2" weight bars, 49-3/4" guided rods, 54-3/4" plain rods,
131-3/4" scraped rods; 1-4', 1-8' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump
STROKE LENGTH: 52"
PUMP SPEED, SPM: 5 SPM

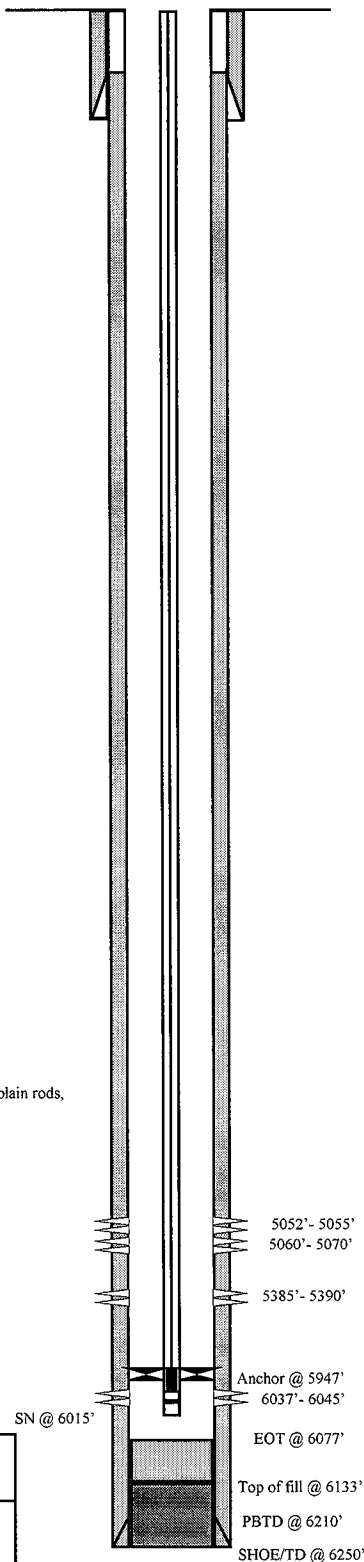
FRAC JOB

1/2/97	6037'-6045'	Frac CP-2 sand as follows: 86,000# of 20/40 sand in 505 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 2300 psi. ISIP-3078 psi.
1/4/97	5385'-5390'	Frac B-2 sand as follows: 98,700# of 20/40 sand in 573 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 1980 psi. ISIP-2041 psi.
1/7/97	5052'-5070'	Frac D-1 sand as follows: 107,600# of 20/40 sand in 546 bbls of Boragel. Treated @ avg rate of 22.5 bpm w/avg press of 2350 psi. ISIP-2902 psi.
3/21/02		Tubing leak. Update rod and tubing details.
8/27/02		Tubing leak. Update rod and tubing details.
4/3/03		Tubing leak. Update rod and tubing details.
1/20/06		Tubing leak. Update rod and tubing details.
1/14/09		Tubing Leak. Updated rod & tubing details.
8/24/09		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

12/30/96	6037'-6045'	4 JSPP	32 holes
1/03/97	5385'-5390'	4 JSPP	20 holes
1/06/97	5052'-5055'	4 JSPP	12 holes
1/06/97	5060'-5070'	4 JSPP	40 holes


Monument Butte Federal NE #14-26-8-16 660' FSL & 1980' FWL SE/SW Section 26-T8S-R16E Duchesne Co, Utah API #43-013-31703; Lease #U-34346



Spud Date: 4/22/96
Put on Production: 5/17/96
Put on Injection: 5/13/99

GL: 5534' KB: 5547'

Monument Butte Federal #15-26-8-16

Initial Production: 296 BOPD,
383 MCFPD, 8 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 305'
DEPTH LANDED: 302.63' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sks Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

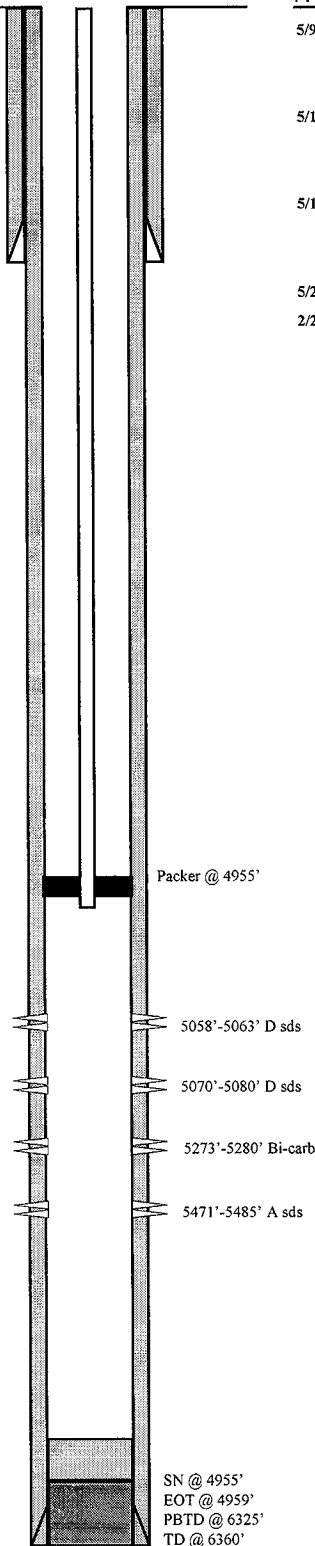
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6363.43')
DEPTH LANDED: 6360.30' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hyfill mixed & 360 sks thixotropic
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / LS / 6.5#
NO. OF JOINTS: 159 jts
SEATING NIPPLE: 1.10' @ 4950.47' KB
PACKER: elements @ 4954.82' KB
TOTAL STRING LENGTH: EOT @ 4958.90' KB

FRAC JOB

5/9/96	5471'-5485'	Frac A sand as follows: 63,800# 20/40 sd in 441 bbls Boragel. Breakdown @ 2449 psi treated @ avg rate 21 bpm, avg press 2490 psi. ISIP 3332 psi.
5/11/96	5273'-5280'	Frac Bi-Carb zone as follows: 31,600# 20/40 sd in 282 bbls Boragel. Breakdown @ 4011, treated @ avg rate 15.5 bpm, avg press 1900 psi. ISIP-2276 psi.
5/14/96	5058'-5080'	Frac D sand as follows: 44,500# 20/40 sd in 316 bbls Boragel. Formation broke @ 2501#, avg TP 1900# 16 bpm. ISIP-2252 psi.
5/2/99		Convert to injector.
2/26/09		5 Year MIT completed and submitted.



PERFORATION RECORD

5/8/96	5471'-5485'	4 JSPF	56 holes
5/10/96	5273'-5280'	4 JSPF	28 holes
5/13/96	5070'-5080'	4 JSPF	40 holes
5/13/96	5058'-5063'	4 JSPF	20 holes



Monument Butte Federal #15-26-8-16
613 FSL & 1979 FEL
SWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31502; Lease #U-67170

Spud Date: 9/05/95

Put on Production: 10/28/95
GL: 5474' KB: 5487'

Monument Butte Federal #16-26-8-16

Initial Production: 93 BOPD,
100 MCFPD, 5 BWPD

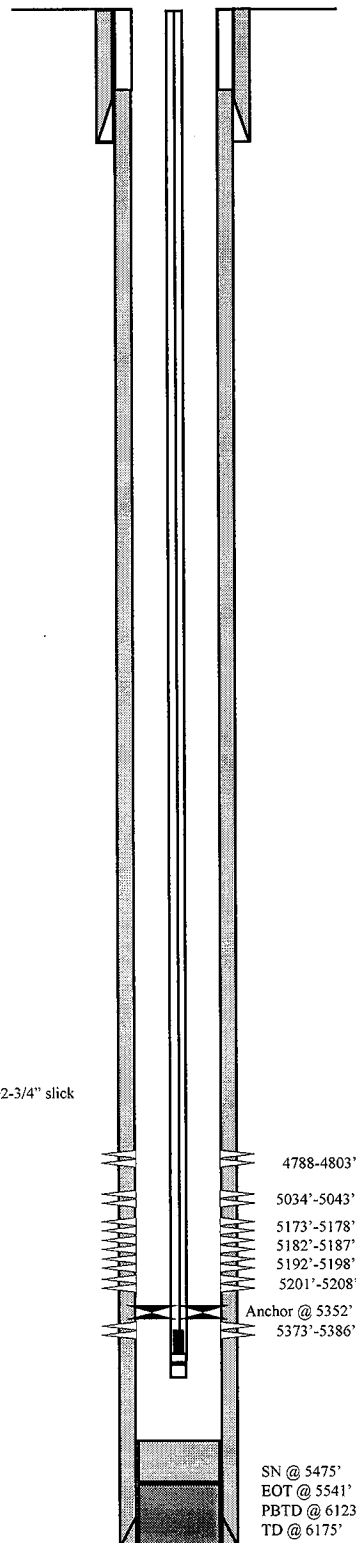
Wellbore Diagram

SURFACE CASINGCSG SIZE: 8-5/8"
GRADE:
WEIGHT: 24#
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premlite + 50 sxs PremPRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
DEPTH LANDED: 6175' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 290 sxs Lead + 375 sxs Thixotropic.
CEMENT TOP AT: 150'TUBINGSIZE/GRADE/WT: 2-7/8", J-55
NO. OF JOINTS: 172 jts (5426.56')
TUBING ANCHOR: 5439.56' KB
NO. OF JOINTS: 1 jt (31.54)
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5475.00' KB
NO. OF JOINTS: 2 7/8" J-55
NO. OF JOINTS: 2 jt (66.00')
TOTAL STRING LENGTH: EOT @ 5541.44' KBSUCKER RODSPOLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-4", 6' x 7/8" pony subs, 90-7/8" guided rods, 102-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight bars
PUMP SIZE: CDI 2 1/2" x 1 3/4" x 12' x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5FRAC JOB

10/19/95	5373'-5386'	Frac B-2 sand as follows: 90,700# of 20/40 sand in 635 bbls of frac fluid. Treated with avg press. of 2200 psi @ 25 bpm, ISIP 2602 psi.
10/21/95	5173'-5198'	Frac C-sd as follows: 80,600# of 20/40 sand in 646 bbls of frac fluid. Treated with avg press. of 2050 psi @ 32 bpm, ISIP 1804 psi.
10/22/95	5034'-5043'	Frac D-1 sand as follows: 59,800# of 16/30 sand in 527 bbls of frac fluid. Treated with avg press. of 2200 psi @ 26 bpm, ISIP 2131 psi.
04/26/07	Recompletion	Frac PB11 sand as follows: 22288# of 20/40 sand in 233 bbls of frac fluid. Treated with avg press. of 4125 psi @ 14.3 bpm, ISIP 2131 psi. Calc flush: 2471 gal. Actual flush: 1113

PERFORATION RECORD

10/18/95	5373'-5386'	
10/20/95	5192'-5198'	
10/20/95	5182'-5187'	
10/20/95	5173'-5178'	
10/22/95	5034'-5043'	
04/24/07	4788'-4803'	4 JSPF 60 holes

**NEWFIELD**

Monument Butte Federal #16-26-8-16

507' FSL & 666' FEL

SE/SE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31517; Lease #U-67170

TW 07-12-07

Spud Date: 6/8/83

Put on Production: 8/1/83

GL: 5532' KB: 5547'

Boll Weevil Federal #26-13-8-16

Wellbore Diagram

Initial Production: 50 BOPD,
25 MCFPD, 0 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (282')

DEPTH LANDED: 297' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 225 sxs Class "G" cmt, good cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5# & 14#

LENGTH: 149 jts. (6175')

DEPTH LANDED: 6172'

HOLE SIZE: 7-7/8"

CEMENT DATA: 220 sxs BJ lite & 1000 sxs Class "G"

CEMENT TOP AT: 1700'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 181 jts (5791.95')

TUBING ANCHOR: 5806.95' KB

NO. OF JOINTS: 1 jts (32.45')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5842.20' KB'

NO. OF JOINTS: 1 jts (32.54')

NO. OF JOINTS: 3 jts (91.75')

TOTAL STRING LENGTH: EOT @ 5974.14' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 2' 4", 8x 7/8" pony rods, 99-7/8" guided rods, 77-3/4" plain rods, 50-3/4" guided rods, 6- 1 1/2" wt. bars.

PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC edi pump

STROKE LENGTH: 86"

PUMP SPEED, 5 SPM

FRAC JOB

7/20/83 5994'-5998'

Frac CP-1 sand as follows:
23,500 gal H2O, 30,000# 20/40 sd. ISIP-2180,
5-min 2080, 10-min 2020, 15-min 2000.

7/22/83 5736'-5746'

Frac LODC sand as follows:
28,000 gal H2O, 54,000# of 20/40 sand.
Screened Out. ISIP-3400, 5-min 2400, 10-min
2250, 15-min 2150.

7/24/83 5032'-5040'

Frac D sand as follows:
20,000 gal H2O, 50,000# 20/40 sand. ISIP-
2100, 5-min 1900, 10-min 1820, 15-min 1800,
S1 9 hrs.

6/24/86 4304'-4310'

Frac ? sand as follows:
10,000 gal gelled H2O, 21,000# of 20/40
sand. ISIP-1800, 5-min 1700, 10-min 1630,
15-min 1620.

4/25/95

Re-acidize CP1, LODC, D zones.

5/01/95

Squeeze perfs 4304'-4310' w/ 50 sx Class "G"
cement.

10/11/96

Pump change. Update rod and tubing details.

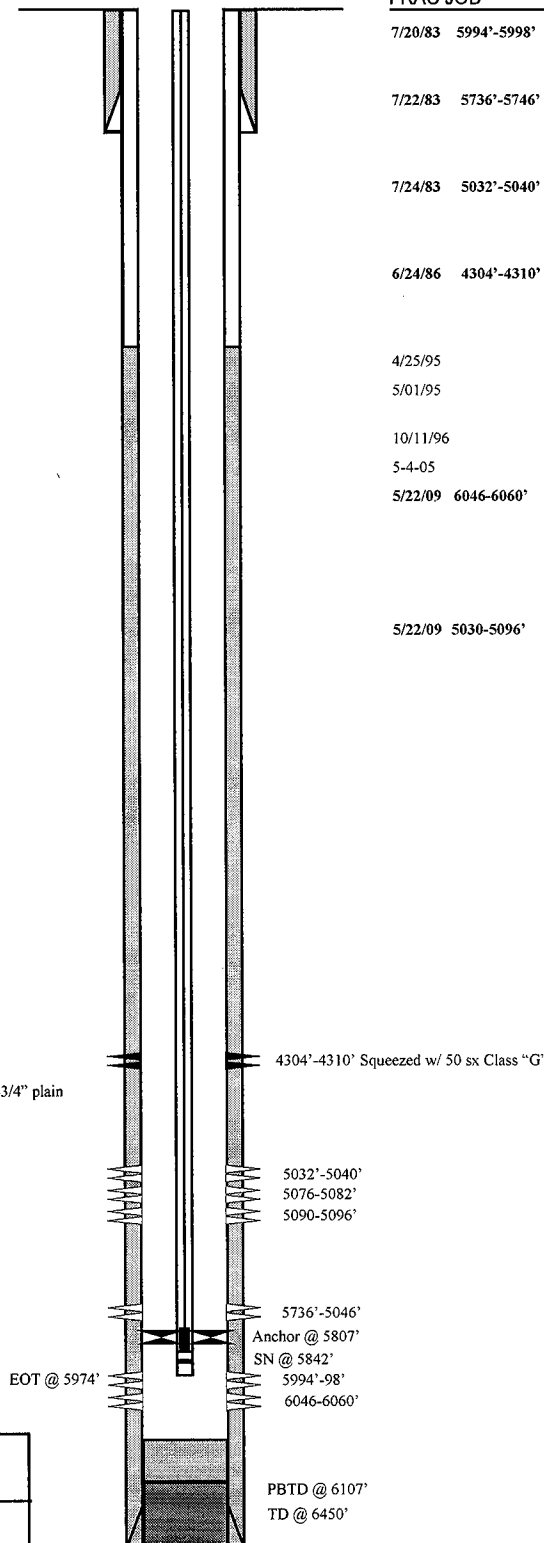
5-4-05

Pump change. Update rod and tubing details.

5/22/09 6046-6060'

Frac CP2 sds as follows:
24,999# 20/40 sand in 284 bbls of Lightning
17 frac fluid. Treated @ ave pressure of 4550
@ ave rate of 15 BPM w/ 6 ppg of sand. ISIP
was 2158 w/ .79FG. 5 min was 2004 pi. 10
min was 1950 psi.

5/22/09 5030-5096'

Frac D1 & Ds1 sds as follows:
60,059#s of 20/40 sand in 540 bbls of
Lightning 17 frac fluid. Treated @ ave
pressure of 4784 @ ave rate of 15 BPM w/ 6
ppg of sand. ISIP was 2697 w/ .97FG. 5 min
was 2348 pi. 10 min was 2187 psi. 15 min
was 2099.PERFORATION RECORD

7/20/83	5994'-5998'	3 JSFP	12 holes
7/22/83	5736'-5746'	3 JSFP	30 holes
7/24/83	5032'-5040'	3 JSFP	24 holes
6/23/86	4304'-4310'	2 JSFP	12 holes
5/27/09	5030-5040'	64 shots	
5/27/09	5076-5082'	4 JSFP	24 holes
5/27/09	5090-5096'	4 JSFP	24 holes
5/27/09	6046-6060'	4 JSFP	56 holes

NEWFIELD

Boll Weevil Federal #26-13-8-16
1980' FSL & 660' FWL
NW/SW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-30770; Lease #U-34346

Federal 2A-35-8-17

Spud Date: 11/28/05
 Put on Production: 12/28/05
 GL: 5054' KB:5066'

Initial Production: BOPD 5,
 MCFD 20, BWPD 22

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (309.0')
 DEPTH LANDED: 319' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6186.29')
 DEPTH LANDED: 6184.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5518.40')
 TUBING ANCHOR: 5530.40' KB
 NO. OF JOINTS: 2 jts (65.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5598.34' KB
 NO. OF JOINTS: 2 jts (65.12')
 TOTAL STRING LENGTH: EOT @ 5665.01' w/ 12' KB'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-8", 1-2" x 3/4" pony rods, 100-3/4" scraped rods; 107-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC pump w/ SM Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIG/GR/SP/CAL

FRAC JOB

12/22/05 5500'-5578'

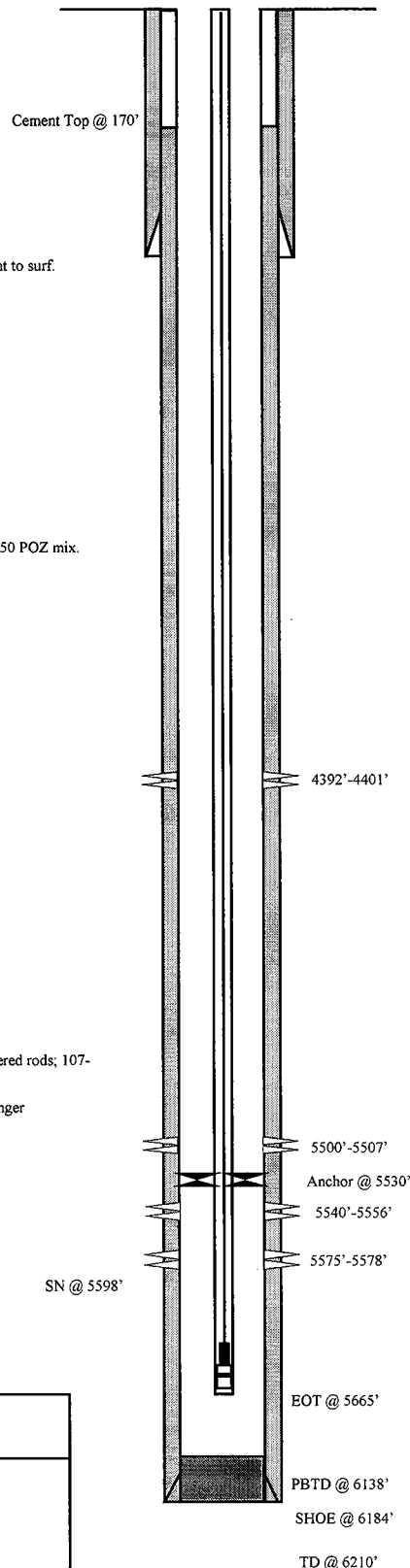
Frac A3 and LODC sands as follows:
 140,872# 20/40 sand in 964 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2050 psi
 w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc
 flush: 5498 gal. Actual flush: 4326 gal.

12/22/05 4392'-4401'

Frac GB2 sands as follows:
 49,702# 20/40 sand in 413 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2680 psi
 w/avg rate of 25 BPM. ISIP 2660 psi. Calc
 flush: 4390 gal. Actual flush: 4284 gal.

PERFORATION RECORD

12/16/05	5575'-5578'	4 JSPF	12 holes
12/16/05	5540'-5556'	4 JSPF	64 holes
12/16/05	5500'-5507'	4 JSPF	28 holes
12/22/05	4392'-4401'	4 JSPF	36 holes



NEWFIELD

Federal 2A-35-8-17

609' FNL & 1895' FEL

NW/NE Section 35-T8S-R17E

Uintah County, Utah

API #43-047-36073; Lease #UTU-40026

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
1 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-34081**

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample Point: **tank**

Sample Date: **11/23/2009**

Sales Rep: **Randy Huber**

Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	11/30/2009
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5868
Molar Conductivity (µS/cm):	8892
Resitivity (Mohm):	1.1246

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		40.00	Chloride (Cl):
Magnesium (Mg):		-	Sulfate (SO₄):
Barium (Ba):		28.00	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		1929.00	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		2.38	Phosphate (PO₄):
Manganese (Mn):		0.03	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100	0	6.73	16.09	0.00	-1921.20	0.00	-2033.80	-	-	21.36	34.94	0.79
80	0	5.14	12.59	0.00	-13.52	0.00	-2169.00	-	-	32.09	36.80	0.38
100	0	6.73	16.09	0.00	-9.89	0.00	-2033.80	-	-	21.36	34.94	0.46
120	0	8.22	19.20	0.00	-7.22	0.00	-1837.70	-	-	14.55	32.84	0.52
140	0	9.65	22.20	0.00	-5.25	0.00	-1608.60	-	-	10.12	30.47	0.58
160	0	10.94	24.90	0.00	-3.84	0.00	-1369.80	-	-	7.18	27.80	0.65
180	0	12.03	26.95	0.00	-2.85	0.00	-1138.80	-	-	5.17	24.81	0.72
200	0	12.87	28.07	0.00	-2.16	0.00	-927.04	-	-	3.78	21.49	0.73
220	2.51	13.41	28.30	0.00	-1.71	0.00	-747.33	-	-	2.76	17.60	0.74
240	10.3	13.78	27.70	0.00	-1.38	0.00	-587.35	-	-	2.07	13.45	0.75
260	20.76	13.94	26.85	0.00	-1.16	0.00	-454.17	-	-	1.57	8.88	0.76
280	34.54	13.93	26.05	0.00	-1.02	0.01	-345.62	-	-	1.20	3.81	0.77
300	52.34	13.76	25.38	0.00	-0.92	0.01	-258.72	-	-	0.92	-1.80	0.79

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

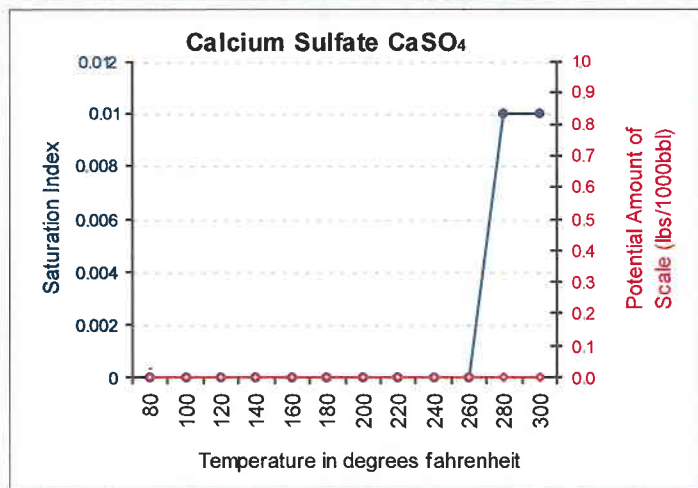
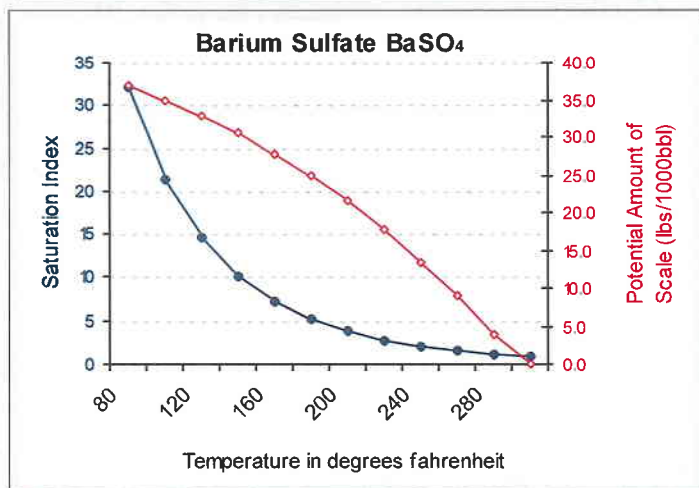
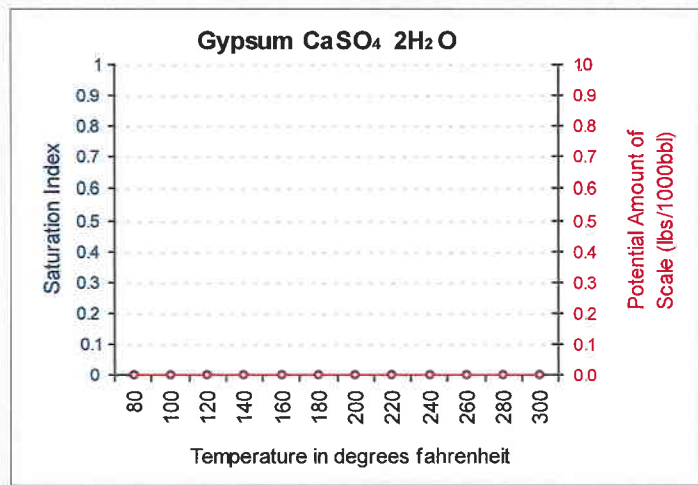
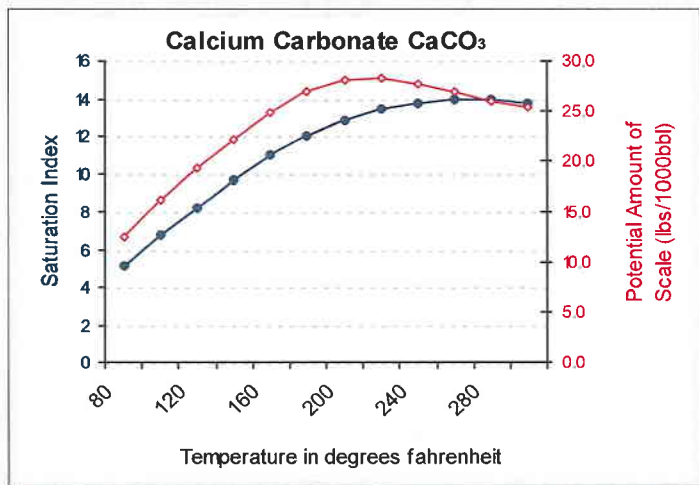
Vernal, UT 84078



Scale Prediction Graphs

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample ID: **WA-34081**



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
3 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-35260**

Well Name: **Monument Butte Injection**

Sample Point: **Before Desilter**

Sample Date: **1 / 1 / 2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	90
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	9.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	11140
Molar Conductivity (µS/cm):	16879
Resistivity (Mohm):	0.5925

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	40.00	Chloride (Cl):	6000.00
Magnesium (Mg):	24.40	Sulfate (SO₄):	140.00
Barium (Ba):	14.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	780.00
Sodium (Na):	4139.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	2.29	Phosphate (PO₄):	-
Manganese (Mn):	0.15	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia (NH₃):	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
90	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
80	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
100	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
120	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
140	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
160	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
180	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
200	0	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
220	2.51	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
240	10.3	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
260	20.76	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
280	34.54	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01
300	52.34											

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F



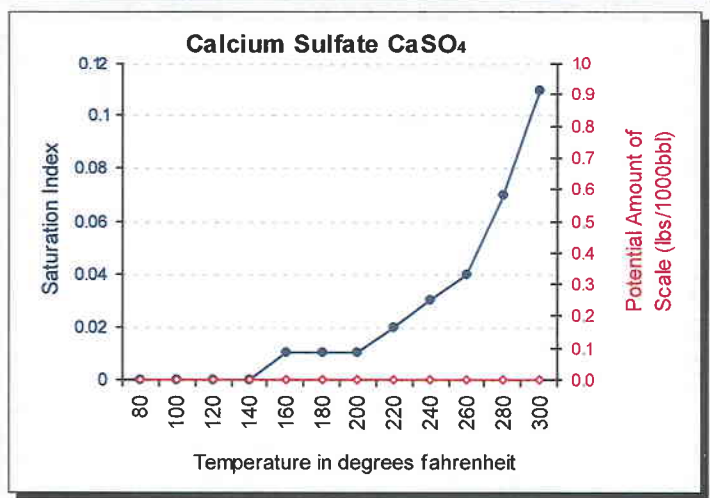
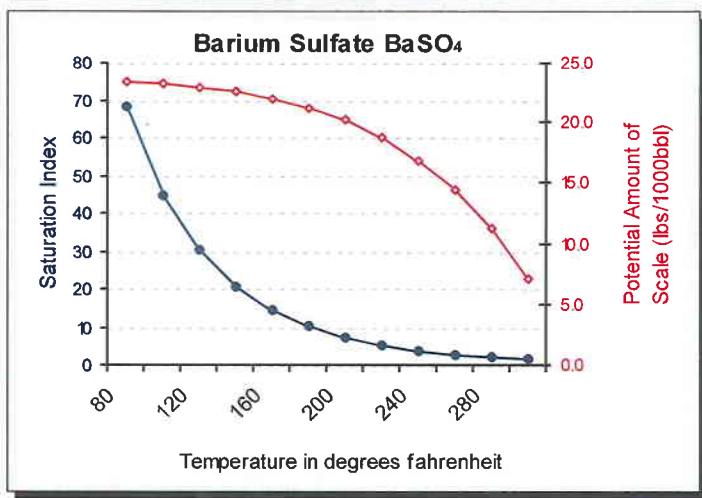
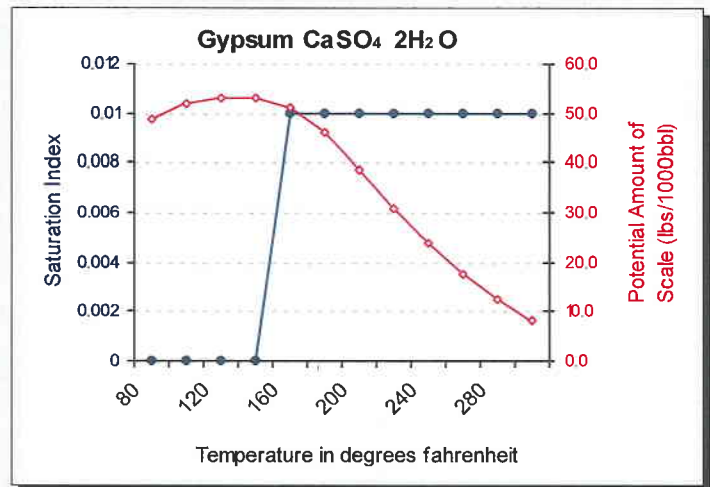
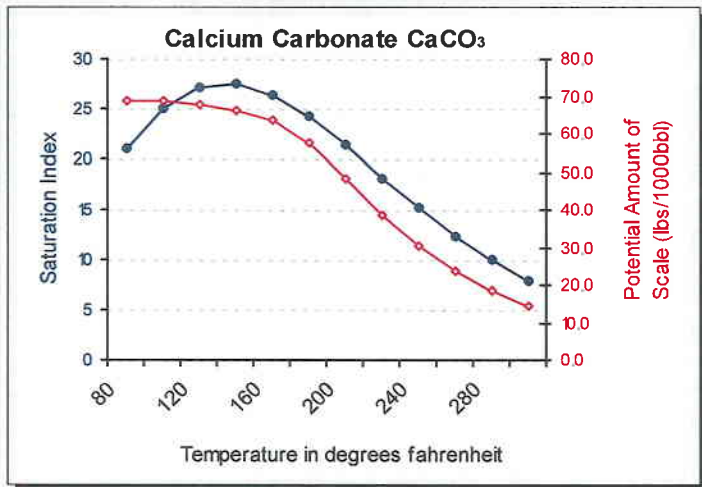
Multi-Chem Group, LLC
Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**



Attachment "G"

**Monument Butte Federal #10-26-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5834	6021	5928	2100	0.79	2062 ←
5244	5252	5248	3768	1.15	3734
5069	5056	5063	2580	0.94	2547
				Minimum	<u><u>2062</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/10/96 **Completion Day** 1
Present Operation TIH w/tbg, prep to perf **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 2612 **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/9/96 **SITP:** **SICP:**

MIRU Basin #6. WO tbg head to be installed. Clean sd out of flat tank. Install csg head w/ERC. NU BOP. PU & TIH w/4-1/2" drlg bit, 5-1/2" csg scraper & 84 jts 2-7/8" 6.5# J-55 tbg to 2612'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	1,365
BOP	145
Tanks	20
Trucking	600
Tbg	15,625
CBL	1,250
Tbg Head	2,250
Anchors	700
Location cleanup	200
IPC-supervision	300
Wtr	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$22,555
TOTAL WELL COST: \$165,810



Attachment G-1
2 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/11/96 **Completion Day** 2
Present Operation Frac "LDC" & "CP" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** 6.5 @ J-55 **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/10/96 **SITP:** 0 **SICP:** 0

Finish PU & TIH w/117 jts tbg. Tag PBTD @ 6205'. (201 jts tbg total). LD 1 jt tbg. Press test csg to 3000 psi. RU swb. IFL @ sfc, made 13 runs, rec 126 BW, FFL @ 5300'. TOH LD bit & scraper. RU Western Atlas & PERF "LDC" SD @ 5834-39', 5852-54', 5892-99' & "CP" SD @ 6019-21' W/4 JSPF. TIH w/tbg to 6186'. RU swb. IFL @ 5300', made 3 runs, rec 14 BW, FFL @ 5800'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	1,415
BOP	145
Wtr	100
Perfs	1,812
Tanks	60
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$3,732
TOTAL WELL COST: \$169,542



Attachment G-1
3 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/12/96 **Completion Day** 3
Present Operation Perforate **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/11/96 **SITP:** 0 **SICP** 0

IFL @ 5600', made 2 runs, rec 7 BTW, FFL @ 5900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "LDC" & "CP" sd w/119,500# of 20/40 sd in 661 bbls of Boragel. Break dn @ 2617 psi. Treated @ ave rate of 34.5 bpm w/ave press of 1750 psi. ISIP: 2100 psi, 5 min: 1978 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 165 BTF. SIFN. Est 496 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>661</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>165</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>496</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
4000 gal pad
2000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
4013 gal w/8-10 PPG of 20/40 sd
Flush w/5771 gal of 10# linear gel

Basin-rig	723
BOP	145
Tanks	60
HO trk	800
Wtr	800
Frac	21,850
IPC-supervision	200

Max TP	<u>2617</u>	Max Rate	<u>36</u>	Total fluid pmpd:	<u>661 bbls</u>
Avg TP	<u>1750</u>	Avg Rate	<u>34.5</u>	Total Prop pmpd:	<u>119,500#</u>
ISIP	<u>2100</u>	5 min	<u>1978</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$24,578</u>
TOTAL WELL COST:	<u>\$194,120</u>



Attachment 6-1
4 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/13/96 **Completion Day** 4
Present Operation Frac "C" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/12/96 **SITP:** **SICP** 50

Open & flowed 10 BTF & died. TIH w/RBP. Set plug @ 5330'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 12 runs, rec 111 BTF, FFL @ 4700'. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 5244-52' W/4 JSPF. TIH w/tbg to 5310'. RU swb. IFL @ 4700', made 7 runs, rec 12 BW, FFL @ 5200'. SIFN. Est 373 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>496</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>123</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>373</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>5200</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0%</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	1,538
BOP	145
Tanks	60
Wtr	600
RBP	765
Perfs	1,280
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$4,588

TOTAL WELL COST: \$198,708



Attachment G-1
5 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/14/96 **Completion Day** 5
Present Operation Perf "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/13/96 **SITP:** **SICP** 150

Bleed gas off csg. RU swb. IFL @ 4600', made 2 runs, rec 7 BTF, FFL @ 4900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "C" sd w/98,700# of 20/40 sd in 519 bbls of Boragel. Break dn @ 3360'. Treated @ ave rate of 20.3 bpm w/ave press of 2000 psi. ISIP: 3768 psi, 5 min: 3417 psi. Flowback on 12/64" ck for 12 min & died. Rec 23 BTF. TIH w/RBP. Set plug @ 5120'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 1 run, rec 12 BTF, FFL @ 500'. SIFN. Est 850 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>373</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>477</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>850</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
2500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1124 gal w/8-10 PPG of 20/40 sd
Flush w/5172 gal of 10# linear gel

COSTS

Basin-rig	<u>1,280</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,282</u>
RBP	<u>765</u>
HO trk	<u>750</u>
IPC-supervision	<u>200</u>

Max TP	<u>4180</u>	Max Rate	<u>21.5</u>	Total fluid pmpd:	<u>519 bbls</u>
Avg TP	<u>2000</u>	Avg Rate	<u>20.3</u>	Total Prop pmpd:	<u>98,700#</u>
ISIP	<u>3768</u>	5 min	<u>3417</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,482</u>
TOTAL WELL COST:	<u>\$221,190</u>



Attachment G-1
6 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/15/96 **Completion Day** 6
Present Operation Frac "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/14/96 **SITP:** 0 **SICP** 0

RU swb. IFL @ 600', made 7 runs, rec 87 BTF, FFL @ 4250'. TOH w/tbg. RU Western Atlas & PERF "D" SD @ 5069-77', 5080-86' W/4 JSPF. TIH w/tbg to 5060'. RU swb. IFL @ 4000', made 3 runs, rec 21 BTF, FFL @ 4900'. SIFN. Est 742 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>850</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>108</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>742</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig 700

BOP 145

Perfs 1,385

Wtr 200

IPC-supervision 200

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$2,630

TOTAL WELL COST: \$223,820



Attachment G-1
7 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/17/96 **Completion Day** 7
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/16/96 **SITP:** 100 **SICP:** 250

Bleed gas off well. RU swb. IFL @ 3200', made 2 runs, rec 4 BTF w/10% oil cut, FFL @ 3350'. TOH w/tbg. NU treesaver. RU Halliburton & frac "D" sd w/109,100# of 20/40 sd in 551 bbls of Boragel. Break dn @ 3367 psi. Treated @ ave rate of 20.4 bpm w/ave press of 1800 psi. ISIP: 2580 psi, 5 min: 2485 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 54 BTF. SIFN. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>742</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>493</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
3500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1653 gal w/8-10 PPG of 20/40 sd
Flush w/4974 gal of 10# linear gel

COSTS

Basin-rig	<u>695</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,815</u>
HO trk	<u>800</u>
Wtr	<u>750</u>
Flowback-super	<u>100</u>
IPC-supervision	<u>200</u>

Max TP	<u>3367</u>	Max Rate	<u>25</u>	Total fluid pmpd:	<u>551 bbls</u>
Avg TP	<u>1800</u>	Avg Rate	<u>20.4</u>	Total Prop pmpd:	<u>109,100#</u>
ISIP	<u>2580</u>	5 min	<u>2485</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,565</u>
TOTAL WELL COST:	<u>\$246,385</u>



Attachment B-1
8 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/18/96 **Completion Day** 8
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/17/96 **SITP:** **SICP:**

Thaw out wellhead. TIH w/RH to 1971'. Rig broke dn. SI f/RR. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	435
BOP	145
Tanks	60
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$740
TOTAL WELL COST: \$247,125



Attachment G-1
9 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/19/96 **Completion Day** 9
Present Operation Swab well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/18/96 **SITP:** **SICP:**

Repair rig. Thaw out wellhead. TIH w/RH. Tag sd @ 4813'. Clean out to plug @ 5120'. Release plug. TOH to 3700'. SIFN. Lost 60 bbls during circ. SIFN. Est 1175 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>60</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1175</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	590
BOP	145
Tanks	20
Wtr Disposal	300
HO trk	120
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$1,275
TOTAL WELL COST: \$248,400



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/20/96 **Completion Day** 10

Present Operation Swab test well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6098 **BP/Sand PBTD:** 6205

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/19/96 **SITP:** **SICP:**

TOH LD plug. TIH w/new RH. Tag sd @ 5183'. Fill hole w/24 BW. Clean out to plug @ 5330'. Release plug.
TOH LD plug. TIH w/NC. Tag sd @ 5898'. Clean out to PBTD @ 6205'. LD 4 jts. EOT @ 6098'. RU swb. IFL @
sfc, made 5 runs, rec 60 BTF, FFL @ 700'. Lost 170 BW during circ. SIFN. Est 1309 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1175</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>134</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1309</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>700</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0</u>

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**

Company:

Procedure:

Basin-rig 1,493

BOP 145

Tanks 25

Wtr 150

IPC-supervision 100

Max TP **Max Rate** **Total fluid pmpd:**

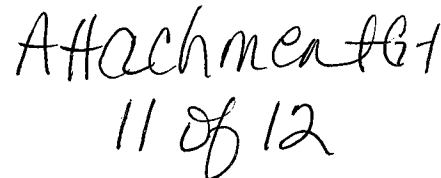
Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$1,913

TOTAL WELL COST: \$250,313



WELL NAME	Monument Butte Fed NE 10-26	Report Date	12/21/96	Completion Day	11
Present Operation	Swab & run prod tbg		Rig	Basin #6	

Surf Csg:	8-5/8	@	307 KB	Liner		@		Prod Csg	5-1/2	@	6253	Csg PBTD	6205
Tbg:	Size	2-7/8	Wt	6.5		Grd	J-55	Pkr/EOT	@	6073		BP/Sand	PBTD: 6168

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

Date Work Performed: 12/20/96 **SITP:** 0 **SICP:** 0

RU swb. IFL @ sfc, made 10 runs, rec 220 BTF (est 10 BO, 210 BW), FFL @ 1200'. FOC 5% w/tr of sd. TIH w/3 jts tbkg. Tag sd @ 6168'. TOH w/tbkg. TIH w/prod tbkg as follows: NC, 2 jts tbkg, SN, 2 jts tbkg, TA & 192 jts 2-7/8" 6.5# J-55 tbkg. Landed w/EOT @ 6073', SN @ 6009', TA @ 5944'. ND BOP. Set TA w/8,000# tension. NU wellhead. RU swb. SIFN. Est 1099 BWTR.

Starting fluid load to be recovered	1309	Starting oil rec to date	0
Fluid lost/recovered today	210	Oil lost/recovered today	10
Ending fluid to be recovered	1099	Cum oil recovered	10
IFL sfc FFL 1200 FTP		Choke Final Fluid Rate Final oil cut 5%	

Base Fluid used: _____ Job Type: _____
Company: _____
Procedure: _____

Basin-rig	1,574
BOP	145
Tanks	20
Wtr	300
TA-SN	650
Tbg Head	2,250
IPC-supervision	100

Max TP _____ **Max Rate** _____ **Total fluid pmpd:** _____
Avg TP _____ **Avg Rate** _____ **Total Prop pmpd:** _____
ISIP _____ **5 min** _____ **10 min** _____ **15 min** _____
Completion Supervisor: Brad Mecham

DAILY COST:	\$5,039
TOTAL WELL COST:	\$255,352



Attachment 6-1
12 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/22/96 **Completion Day** 12
Present Operation Well on production **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6073 **BP/Sand PBTD:** 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/21/96 **SITP:** 50 **SICP** 150

Bleed gas off well. RU swb. IFL @ 500', made 6 runs, rec 110 BTF (est 6 BO, 104 BW), FFL @ 1100'. FOC 5%. RU hot oil trk. Flush tbg w/40 bbls hot wtr. TIH w/rod string as follows: 2-1/2 x 1-1/2 x 12 x 16 RHAC pmp, 4 - 1-1/2" wt rods, 4 - 3/4" scraped rods, 137 - 3/4" plain rods, 94 - 3/4" scraped rods, 3 - 2', 1 - 4', 1 - 6' pony rods & 1-1/2 x 22' polished rod. Seat pmp. Fill tbg w/10 BW. Stroke pmp up to 1,000 psi, held w/good action. RDMO. **PLACE WELL ON PRODUCTION @ 5:30 PM, 12/21/96 W/74" SL @ 7-1/2 SPM.** Est 1045 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1099</u>	Starting oil rec to date	<u>10</u>
Fluid lost/recovered today	<u>54</u>	Oil lost/recovered today	<u>6</u>
Ending fluid to be recovered	<u>1045</u>	Cum oil recovered	<u>16</u>
IFL <u>500</u> FFL <u>1100</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u>5%</u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

IPC-supervision	300
Basin-rig	1,550
Tanks	20
Wtr disposal	500
HO trk	525
Rods/Rotator	6,200
Tbg Head	2,250
Trucking	500
Pmp	700
Pit Reclaim	800
Location Cleanup	200
Sfc Equip	96,330
DAILY COST:	\$109,875
TOTAL WELL COST:	\$365,227

Max TP <u> </u> Max Rate <u> </u> Total fluid pmpd: <u> </u>	
Avg TP <u> </u> Avg Rate <u> </u> Total Prop pmpd: <u> </u>	
ISIP <u> </u> 5 min <u> </u> 10 min <u> </u> 15 min <u> </u>	
Completion Supervisor: <u>Brad Mecham</u>	

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5019'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 143' balance plug using 17 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 344'
6. Plug #4 Circulate 97 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

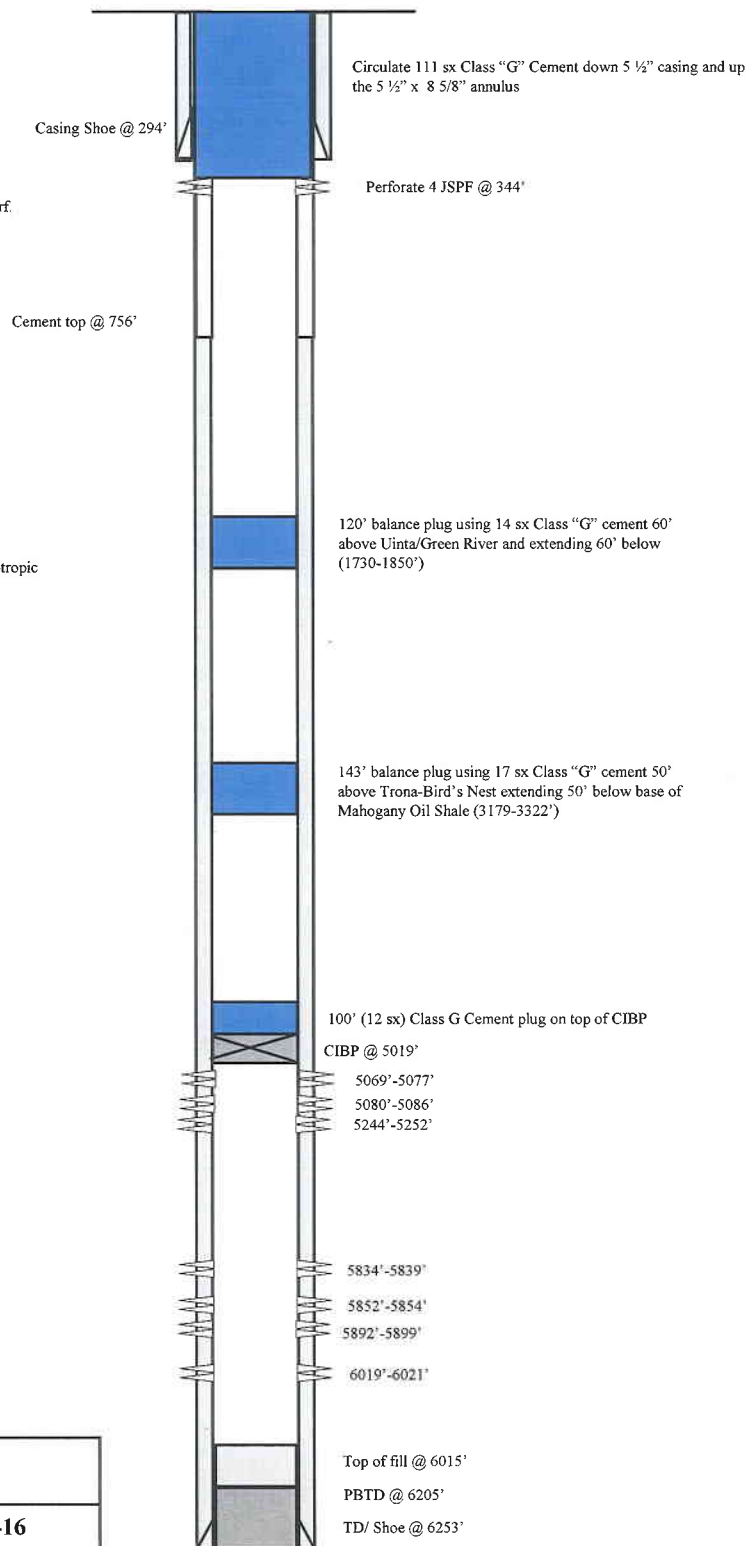
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

Proposed P&A Wellbore Diagram



Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

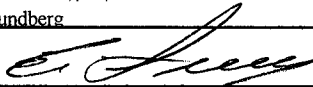
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature



Title

Regulator Analyst

Date

02/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAR. 08 2010

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-1J-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**HAWKEYE 14-23-8-16, MONUMENT BUTTE 4-26-8-16, MONUMENT BUTTE FEDERAL 10-26-8-16,
MONUMENT BUTTE FEDERAL 1-14-9-16, MONUMENT FEDERAL 32-1J-9-16, SOUTH WELLS
DRAW FEDERAL 2-3-9-16, SOUTH WELLS DRAW FEDERAL 8-3-9-16, JONAH FEDERAL 4-11-9-16,
JONAH UNIT 4-12-9-16, FEDERAL 1-23-9-16.**

Cause No. UIC-363

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

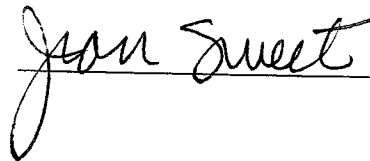
Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818



From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 3/26/2010 11:33 AM
Subject: UIC 363

Jean,
Notice of Agency Action UIC 363 will publish on March 30th.
Thank you,

--
Bonnie Parrish
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
(435) 722-5131
(435) 722-4140 Fax
bonnie@ubstandard.com



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000561251-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	dianeholland@utah.gov	Jean Sweet	jvaldez

Total Amount	\$250.28			
Payment Amt	\$0.00			
Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	20100325	

Confirmation Notes:

Text:

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product

Salt Lake Tribune::

Scheduled Date(s): 03/30/2010

Placement

Legal Liner Notice - 0998

Product

Deseret News::

Scheduled Date(s): 03/30/2010

Placement

Legal Liner Notice - 0998

Product

sltrib.com::

Scheduled Date(s): 03/30/2010

Placement

Legal Liner Notice - 0998

Product

utahlegals.com::

Scheduled Date(s): 03/30/2010

Placement

utahlegals.com

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/Gil Hunt
Associate Director
561251

UPAXLP

From: "Valdez-Carruther, Justina" <jvaldez@mediaoneutah.com>
To: <JSWEET@utah.gov>
Date: 3/26/2010 12:05 PM
Subject: 20100325
Attachments: OrderConf.pdf

MAR 30



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

A handwritten signature in cursive script that reads "Jean Sweet".

Jean Sweet
Executive Secretary

Enclosure

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX ID.# 87-0217663

The Salt Lake Tribune

MEDIAOne
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/31/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000561251 /	
SCHEDULE			
Start 03/30/2010		End 03/30/2010	
CUST. REF. NO.			
20100325			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
73 Lines		2.00 COLUMN	
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		250.28	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-0-26-8-16 well located in NW/4 SE/4, Section 23, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Associate Director
561251

UPAXLP

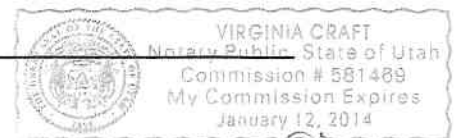
AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 03/30/2010 End 03/30/2010

SIGNATURE

DATE 3/31/2010



Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

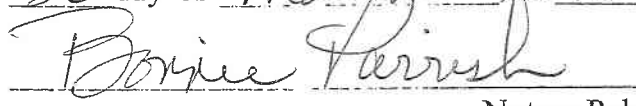
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of March, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of March, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



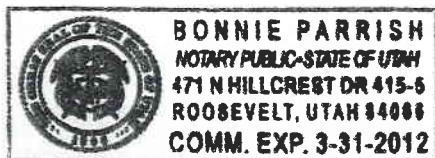
Publisher

Subscribed and sworn to before me this

30 day of March, 20 10



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-363

BEFORE THE DIVI-
SION OF OIL, GAS AND
MINING

DEPARTMENT OF
NATURAL RESOURC-
ES

STATE OF UTAH

IN THE MATTER OF
THE APPLICATION
OF NEWFIELD PRO-
DUCTION COMPANY
FOR ADMINISTRATIVE
APPROVAL OF
CERTAIN WELLS LO-
CATED IN SECTIONS
23 AND 26, TOWNSHIP
8 SOUTH, RANGE 16
EAST; SECTIONS 1, 3,
11, 12 AND 23, TOWN-
SHIP 9 SOUTH, RANGE
16 EAST; DUCHESNE
COUNTY, UTAH, AS
CLASS II INJECTION
WELLS.

THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given
that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing
an informal adjudicative
proceeding to consider the
application of Newfield
Production Company
for administrative ap-
proval of the following
wells located in Duchesne
County, Utah, for conver-
sion to Class II injection
wells:

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-11-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 2-3-9-16 well located
in NW/4 NE/4, Section 3,
Township 9 South, Range

Dated this 25th day of
March, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 30,
2010.

and sworn to before me this

f March, 20 10
ie Parrish

Notary Public

BONNIE PARRISH
NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-S
ROOSEVELT, UTAH 84008
COMM. EXP. 3-31-2012

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-1J-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 8-3-9-16 well located
in SE/4 NE/4, Section 3,
Township 9 South, Range
16 East Jonah Federal 4-
11-9-16 well located in
NW/4 NW/4, Section 11,
Township 9 South, Range
16 East

Jonah Unit 4-12-9-16
well located in NW/4
NW/4, Section 12, Town-
ship 9 South, Range 16
East

Federal 1-23-9-16 well
located in NE/4 NE/4,
Section 23, Township 9
South, Range 16 East

The proceeding will
be conducted in accor-
dance with Utah Admin.
R649-10, Administrative
Procedures.

Selected zones in the
Green River Formation
will be used for water
injection. The maximum
requested injection pres-
sures and rates will be
determined based on frac-
ture gradient information
submitted by Newfield
Production Company.

Any person desiring to
object to the application
or otherwise intervene in
the proceeding, must file a
written protest or notice of
intervention with the Di-
vision within fifteen days
following publication of
this notice. The Division's
Presiding Officer for the
proceeding is Gil Hunt,
Associate Director, at P.O.
Box 145801, Salt Lake
City, UT 84114-5801,
phone number (801) 538-
5340. If such a protest or
notice of intervention is
received, a hearing will be
scheduled in accordance
with the aforementioned
administrative procedural
rules. Protestants and/or
interveners should be
prepared to demonstrate

Dated this 25th day of
March, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 30,
2010.

Monument Butte Fed. NE 10-26-8-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 4/6/2010



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 3, 2010

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Butte Federal NE 10-26-8-16, Section 26, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31668

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte





March 15, 2011

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Monument Butte Federal 10-26-8-16
API # 43-013-31668

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucy Chavez-Naupoto".

Lucy Chavez-Naupoto
Water Services Technician

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-34346
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1973 FSL 1992 FEL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED NE 10-26
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E		9. API NUMBER: 4301331668
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/10/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Water Services Technician
SIGNATURE 	DATE 03/15/2011

(This space for State use only)

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Water Services Technician

Date

03/15/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
MAR 21 2011

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: WADE DAVIS Date 3/10/11 Time 9:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u>	Field: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u> UTU 87538X
Well Location: <u>MONUMENT BUTTE FEDERAL</u>	API No: _____
<u>NW/SE SEC 26 T8S R16E</u>	<u>43-013-31668</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1260</u>	psig
5	<u>1260</u>	psig
10	<u>1260</u>	psig
15	<u>1260</u>	psig
20	<u>1260</u>	psig
25	<u>1260</u>	psig
30 min	<u>1260</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

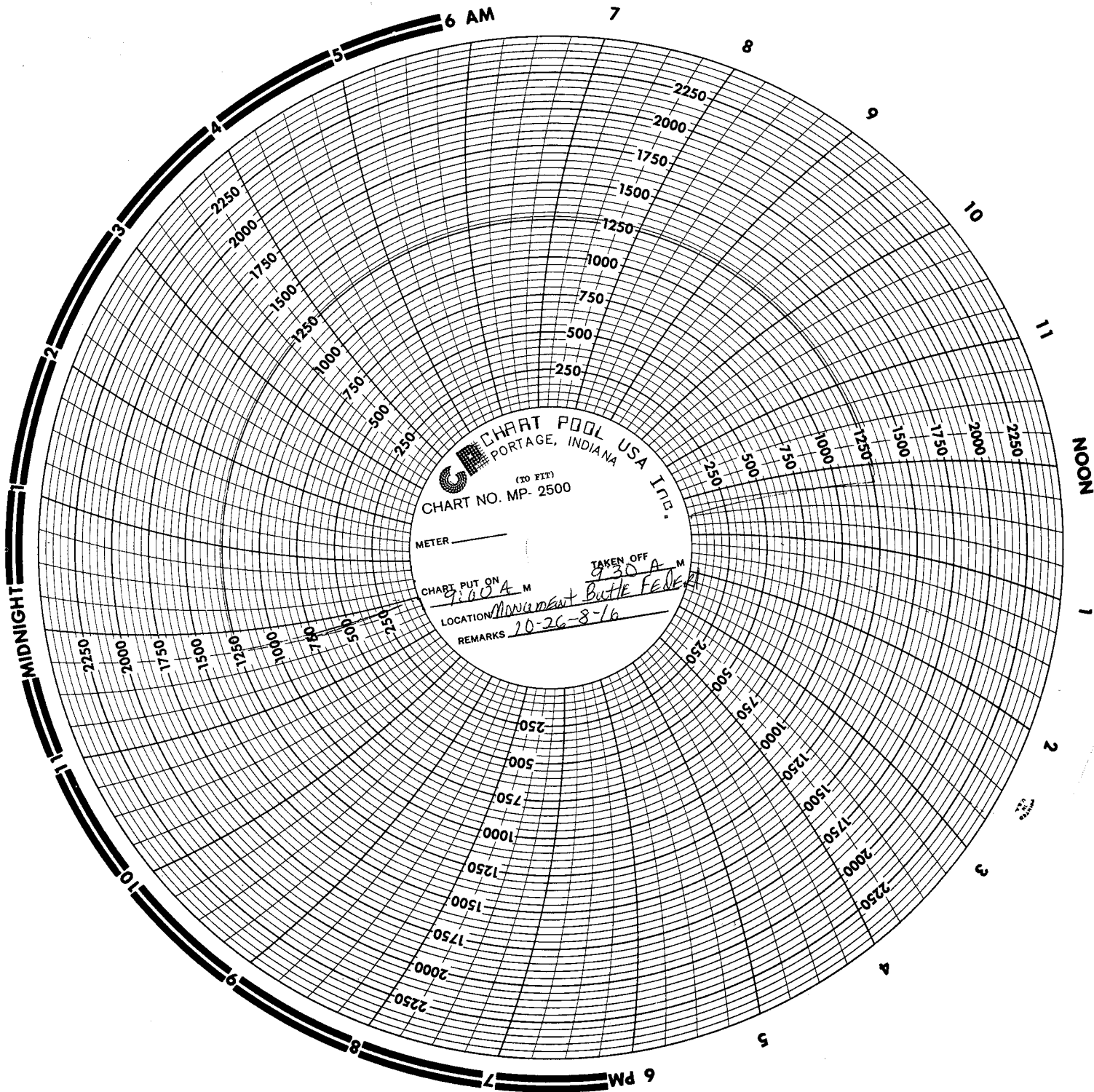
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

David Cloward



Daily Activity Report**Format For Sundry****MON BT NE 10-26-8-16****1/1/2011 To 5/30/2011****3/3/2011 Day: 1****Conversion**

WWS #7 on 3/3/2011 - MIRU Western rig #7. LD rod string & pump. NU BOP & tag fill. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$20,377****3/4/2011 Day: 2****Conversion**

WWS #7 on 3/4/2011 - TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

Daily Cost: \$0**Cumulative Cost: \$22,053****3/11/2011 Day: 3****Conversion**

Rigless on 3/11/2011 - Conversion MIT - On 3/8/2011 Dennis Ingram with the State of Utah

DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 - On 3/8/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$47,373

Pertinent Files: [Go to File List](#)

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Monument Butte Federal NE 10-26-8-16

Location: 26/8S/16E **API:** 43-013-31668

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 294 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,253 feet. A cement bond log demonstrates adequate bond in this well up to 3,272 feet. A 2 7/8 inch tubing with a packer will be set at 5,027 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 1 shut-in well, and 6 injection wells entirely within the area of review (AOR). There is also 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. In addition, there are currently 3 permitted surface locations outside the AOR from which wells will be directionally drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 300 feet. Injection shall be limited to the interval between 4,365 feet and 6,253 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-26-8-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,062 psig. The requested maximum pressure is 2,062 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-363

Operator: Newfield Production Company
Well: Monument Butte Federal NE 10-26-8-16
Location: Section 26, Township 8 South, Range 16 East
County: Duchesne
API No.: 43-013-31668
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 3, 2010.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,365' – 6,253')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

4/7/2011
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-34346

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

8. WELL NAME and NUMBER:

MONUMENT BUTTE FED NE 10-26

9. API NUMBER:

4301331668

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1973 FSL 1992 FEL

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>05/11/2011</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

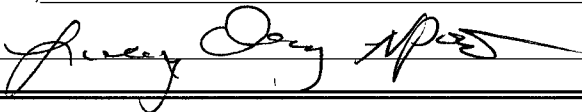
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 3:00 PM on 05/11/2011.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/12/2011

(This space for State use only)

RECEIVED

MAY 19 2011

DIV. OF OIL, GAS & MINING



March 2, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Butte Federal #10-26-8-16
Monument Butte Field, Lease #U-34346
Section 26-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

MAR 08 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT BUTTE FEDERAL ^{NE} #10-26-8-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #U-34346

March 2, 2010

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #10-26-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – HAWKEYE #G-26-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #7-26
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #2-26-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – HAWKEYE FEDERAL #I-26-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #H-26-8-16
ATTACHMENT E-6	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #12-25-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #6-26-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #8-26-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #M-26-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – HAWKEYE FEDERAL #L-26-8-16
ATTACHMENT E-11	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #11-26-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #9-26
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE 14-26-8-16
ATTACHMENT E-14	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #15-26-8-16
ATTACHMENT E-15	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #16-26-8-16
ATTACHMENT E-16	WELLBORE DIAGRAM – BOLL WEEVIL FEDERAL #26-13-8-16
ATTACHMENT E-17	WELLBORE DIAGRAM – FEDERAL #2A-35-8-17
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 12/10/96 – 12/22/96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #10-26-8-16
Field or Unit name: Monument Butte (Green River) Lease No. U-34346
Well Location: QQ NWSE section 26 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
 Disposal? Yes ☐ No ☒
 Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

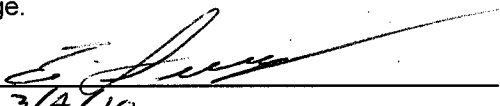
Date of test: _____
API number: 43-013-31668

Proposed injection interval: from 4365 to 6253
Proposed maximum injection: rate 500 bpd pressure 2062 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 3/4/10
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

Proposed Injection Wellbore Diagram

Cement top @ 756'

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LDC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bbls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.
07/09/03 Parted Rods. Update rod detail.
03/01/05 Pump change. Updated rod detail.

Packer @ 5027'
5069'-5077'
5080'-5086'
5244'-5252'

5834'-5839'
5852'-5854'
5892'-5899'
6019'-6021'

Top of fill @ 6015'
PBTB @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

Date	Interval	Tool	Holes
12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Federal #10-26-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Federal #10-26-8-16 well, the proposed injection zone is from Garden Gulch to TD (4365' - 6253'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 4038' and the TD is at 6253'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal #10-26-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 **A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 **A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 **An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 **Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 **Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-34346) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 294' KB, and 5-1/2", 15.5# casing run from surface to 6253' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2062 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Butte Federal #10-26-8-16, for existing perforations (5069' - 6021') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2062 psig. We may add additional perforations between 4038' and 6253'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Butte Federal #10-26-8-16, the proposed injection zone (4365' - 6253') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-17.

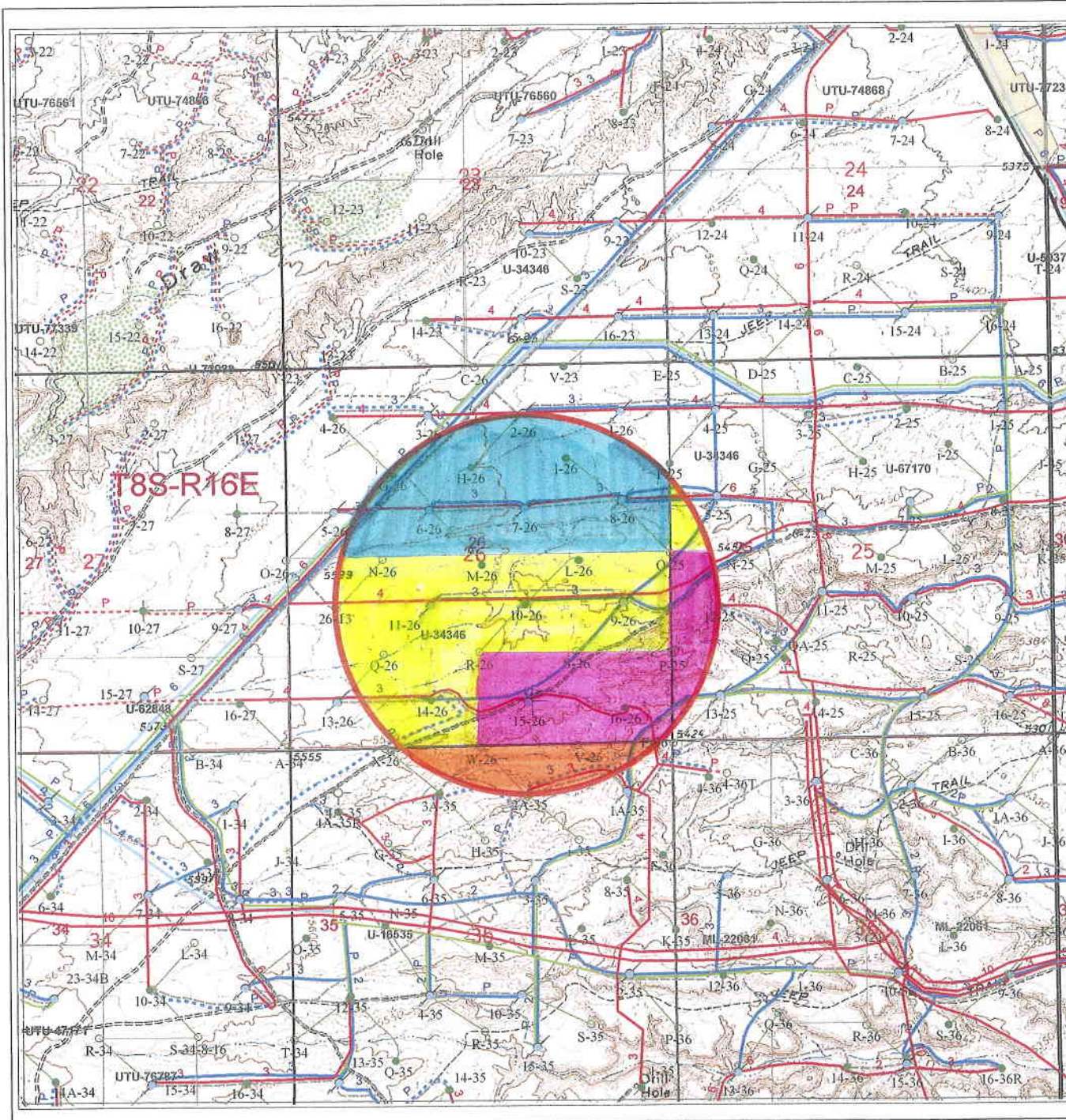
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊙ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- ▭ Leases
 - ▭ Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - ▭ 10-26-8-16 1/2 mile radius

U-3434U
 U-73088
 U-10535
 U-67170

Attachment A

Monument Butte Fed NE 10-26
 Section 26, T8S-R16E

NEWFIELD



1/2 Mile Radius Map

Duchesne & Uintah Counties

1001 17th Street Suite 2000
 Denver, Colorado 80202
 Phone: (303) 893-0102

December 21, 2009

T8S, R16E, S.L.B.&M.

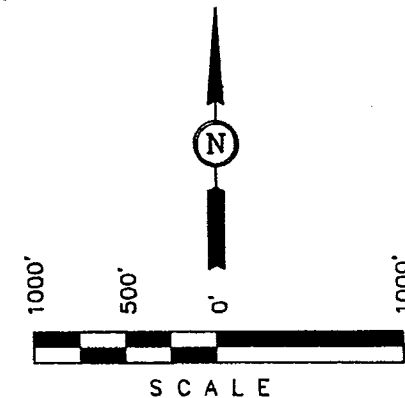
INLAND PRODUCTION CO.

Well location, MONUMENT BUTTE FEDERAL
NORTHEAST #10-26, located as shown in
the NW 1/4 SE 1/4 of Section 26, T8S,
R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION
26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5555 FEET.

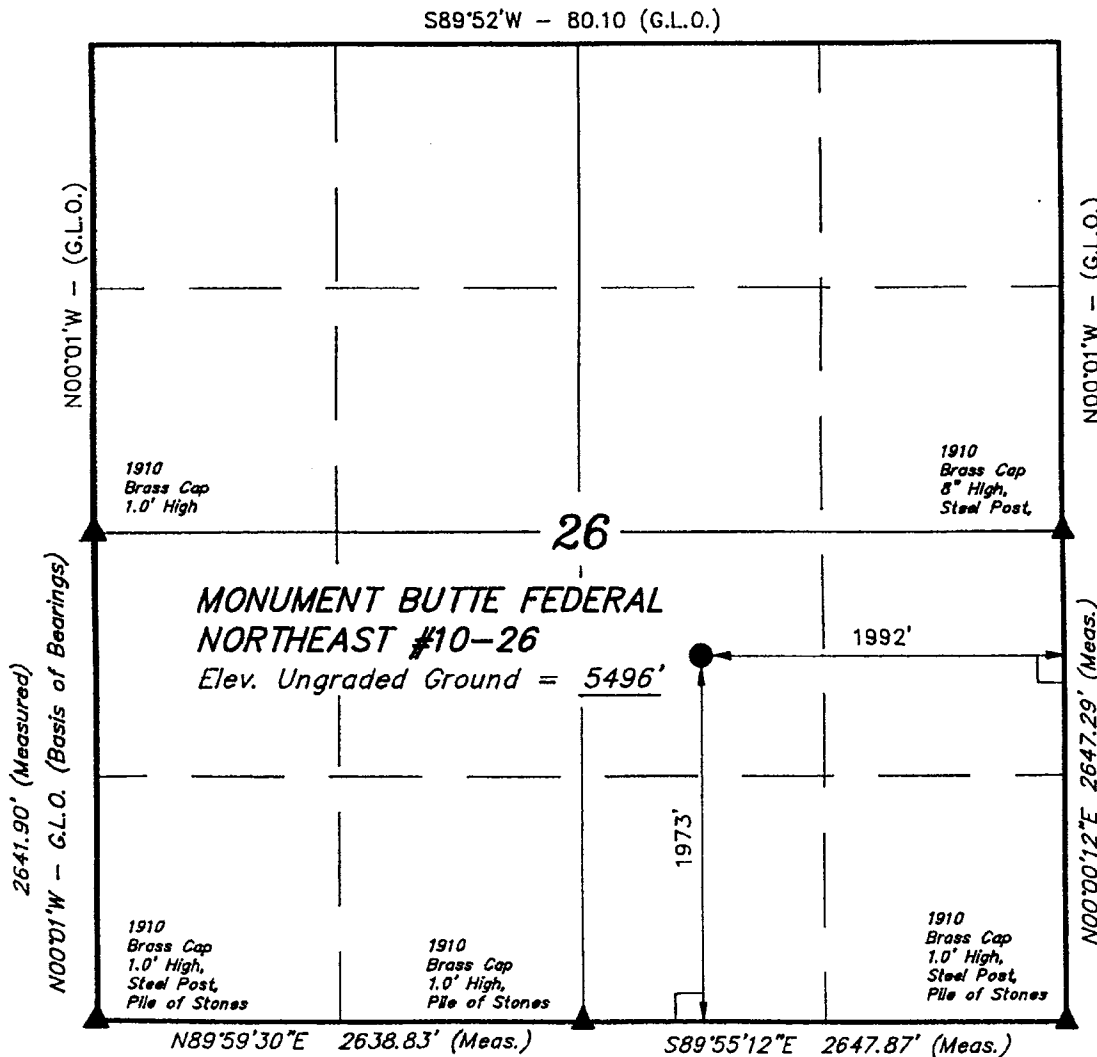
Attachment A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-15-96	DATE DRAWN: 5-17-96
PARTY J.F. D.G. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO	

EXHIBIT B

Page 1 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 23: SE Section 25: W2NW Section 26: SW, N2SE	U-34346 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Citation 1994 Investment LP 8223 Willow Place #250 Houston, TX 77070	(Surface Rights) USA
2.	<u>Township 8 South, Range 16 East</u> Section 22: SE Section 23: SW Section 26: N2 Section 27: NE, S2NW, N2S2	U-73088 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 8 South, Range 16 East</u> Section 35: ALL Section 34: NE, N2SE, SESE	U-16535 HBP	Newfield Production Company 1001 17 th St Suite 2000 Denver, Co 80202 AGK Energy LLC. 624 Wellesley Dr. Houston, TX 77024	(Surface Rights) USA

EXHIBIT B

Page 2

of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
---	------------------	---------------------------------	-----------------------	----------------

Raymond H. Brennan
 104 Lee Lane
 Bellville, TX 77418
 Marian Brennan
 104 Lee Lane
 Bellville, TX 77418
 Davis Bros LLC
 Davis Resources
 110 West 7th St. Suite 1000
 Tulsa, OK 74119
 Deer Valley Ltd
 800 Bering Drive #305
 Houston TX 77057
 International Drilling Inc
 7710-T Cherry Park PMB 503
 Houston, TX 77095
 Thomas I Jackson
 7710-T Cherry Park PMB 503
 Houston, TX 77095

EXHIBIT B

Page 3 of 3


#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Beverly Sommer 1025 Crescent Drive Beverly Hills, CA 90210 Texas General Offshore 7710-T Cherry Park PMB 503 Houston, TX 77095 Jasper Warren 17350 State Highway 249 Suite 140 Houston, TX 77064-1140	
4.	<u>Township 8 South, Range 16 East</u> Section 24: S2 Section 25: NE, E2NW, S2 Section 26: S2SE	U-67170 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Butte Federal #10-26-8-16

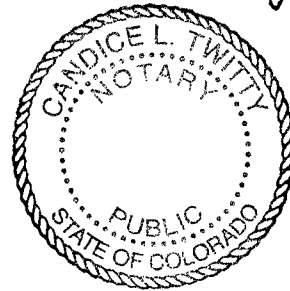
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 4th day of March, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 188 jts (5809.32')
TUBING ANCHOR: 5822.32' KB
NO. OF JOINTS: 2 jts (61.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5886.90' KB
NO. OF JOINTS: 1 jts (30.89')
TOTAL STRING LENGTH: EOT @ 5919.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 2-6' x 7/8" pony rod, 100 - 7/8" scraped rods, 94 - 3/4" plain rods, 34 - 3/4" scraped rods, 6-1 1/2" weighted rods
PUMP SIZE: 2 1/2" x 1 3/4" x 16" RHAC pump
STROKE LENGTH: 78"
PUMP SPEED, SPM: 7 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5834'-6021' **Frac CP-1 & LODC sands as follows:**
119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**
98,700# of 20/40 sand in 519 bls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**
109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.

07/09/03 Parted Rods. Update rod detail.

03/01/05 Pump change. Updated rod detail.

Cement top @ 756'

SN @ 5887'

5069'-5077'
5080'-5086'
5244'-5252'

Anchor @ 5822'
5834'-5839'
5852'-5854'
5892'-5899'
EOT @ 5919'
6019'-6021'

Top of fill @ 6015'
PBTD @ 6205'
TD/ Shoe @ 6253'

PERFORATION RECORD

12/10/96	6019'-6021'	4 JSPF	8 holes
12/10/96	5892'-5899'	4 JSPF	28 holes
12/10/96	5852'-5854'	4 JSPF	8 holes
12/10/96	5834'-5839'	4 JSPF	20 holes
12/12/96	5244'-5252'	4 JSPF	32 holes
12/14/96	5080'-5086'	4 JSPF	24 holes
12/14/96	5069'-5077'	4 JSPF	32 holes

NEWFIELD

Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

Hawkeye G-26-8-16

Spud Date: 2/27/2009
Put on Production: 9/29/2009
GL: 5526' KB: 5538'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (')
DEPTH LANDED: 337' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts (6581.26')
DEPTH LANDED: 6639.62'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sx Prem Lite II and 480 sx 50/50 poz
CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 201 jts (6378')
TUBING ANCHOR: 6390' KB
NO. OF JOINTS: 2 jts (63.2')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6456' KB
NO. OF JOINTS: 1 jt (31.1')
TOTAL STRING LENGTH: EOT @ 6489'

SUCKER RODS

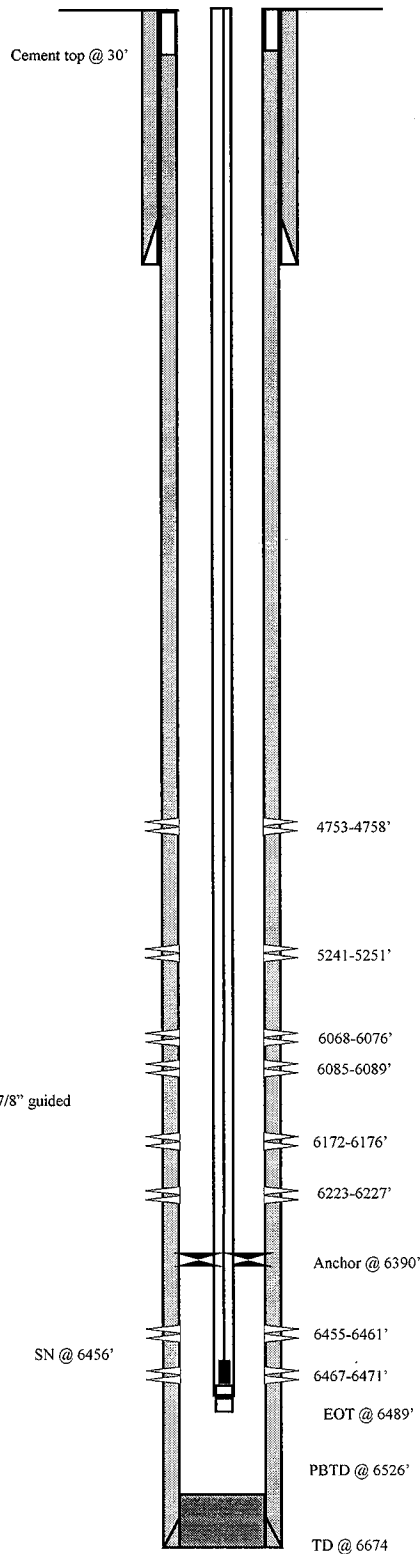
POLISHED ROD: 1 1/2" x 30'
SUCKER RODS: 1 - 8' x 7/8", 2 - 8' x 7/8" pony rods; 253 - 7/8" guided rods; 4 - 1 1/2" weight bars..
PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC
STROKE LENGTH: 144"
PUMP SPEED, SPM: 5

FRAC JOB

9/30/2009 6455-6471' Frac CP5 sands as follows: Frac with 71119# 20/40 sand in 306 bbls of Lightning 17 fluid.
9/30/2009 6172-6227' Frac CP1 and CP2 sands as follows: Frac with 30607# 20/40 sand in 179 bbls of Lightning 17 fluid.
9/30/2009 6068-6089' Frac LODC sands as follows: Frac with 76814# 20/40 sand in 325 bbls of Lightning 17 fluid..
9/30/2009 5241-5251' Frac D1 sands as follows: Frac with 70922# 20/40 sand in 297 bbls of Lightning 17 fluid.
9/30/2009 4753-4758' Frac GB6 sands as follows: Frac with 16084# 20/40 sand in 104 bbls of Lightning 17 fluid.

PERFORATION RECORD

6467-6471'	3 JSPF	12 holes
6455-6461'	3 JSPF	18 holes
6223-6227'	3 JSPF	12 holes
6172-6176'	3 JSPF	12 holes
6085-6089'	3 JSPF	12 holes
6068-6076'	3 JSPF	24 holes
5241-5251'	3 JSPF	30 holes
4753-4758'	3 JSPF	15 holes

**Hawkeye G-26-8-16**

SL: 673' FNL & 679' FWL (NW/NW)
BHL: 1322' FNL & 1321' FWL (NW/NW)
Section 26, T8S, R16E
Duchesne Co, Utah
API # 43-013-33759; Lease # UTU-73088

Spud Date: 3/22/97
 Put on Production: 4/10/97
 Put on Injection: 3/18/98
 GL: 5493' KB: 5506'

Monument Butte Fed. NE 7-26

Initial Production: 159 BOPD,
 189 MCFPD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 291.93' (7 jts.)
 DEPTH LANDED: 290.43' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 100 sxs Premium cmt.

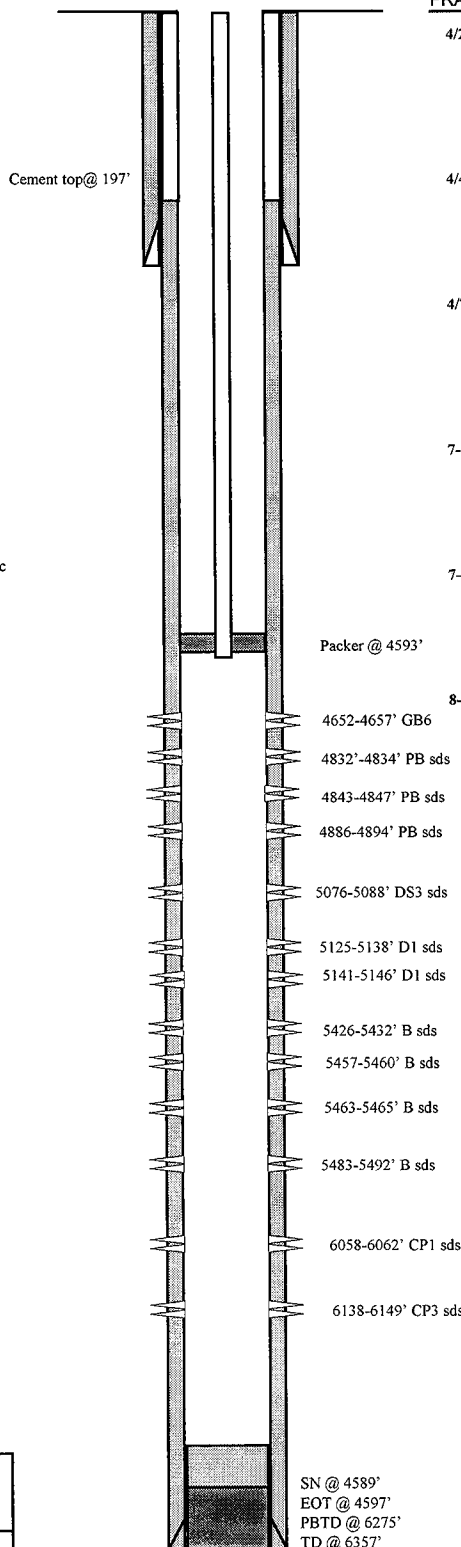
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6350.25')
 DEPTH LANDED: 6348'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 385 sk Hibond mixed & 395 sxs thixotropic
 CEMENT TOP AT: 197' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 147 jts 4575.68' KB
 SEATING NIPPLE: 4588.68' KB
 PACKER: Set @ 4593.03' KB
 TOTAL STRING LENGTH: EOT @ 4597.35' KB

Injection Wellbore Diagram



FRAC JOB

4/2/97 5426'-5492' **Frac B-1 & B-2 sands as follows:**
 97,200# of 20/40 sand in 497 bbls of Boragel. Perfs broke @ 3446 psi. Treated @ avg rate of 26.5 bpm w/avg press of 1950 psi. ISIP-2090 psi, 5-min 1936 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

4/4/97 5125'-5146' **Frac D-1 sand as follows:**
 101,300# of 20/40 sand in 495 bbls of Boragel. Perfs broke @ 2006 psi. Treated @ avg rate of 25 bpm w/avg press of 1820 psi. ISIP-2280, 5-min 2201. Flowback on 12/64" ck for 2-1/2 hours and died.

4/7/97 4832'-4894' **Frac PB-10 & PB-11 sands as follows:**
 91,500# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 2138 psi. Treated at avg rate of 24.5 bpm w/avg press of 2400 psi. ISIP-2739 psi, 5-min 2548 psi. Flowback on 12/64" ck for 5 hours and died.

7-29-05 6058-6149' **Recompletion Frac CP3 & CP1 sands as follows:** 19,078#s of 20/40 sand in 197 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3974 psi. with avg rate of 14 bpm. ISIP-2200 psi, Calc. flush 1566 gals. Actual flush 1428 gals.

7-29-05 4652-4657' **Recompletion Frac GB6 sands as follows:** 15,181#s of 20/40 sand in 157 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3482 psi. with avg rate of 14.1 bpm. ISIP-2100 psi, Calc. flush 1266 gals. Actual flush 1134 gals.

8-17-05 **MIT completed.**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
4/1/97	5426'-5432'	4 JSPF	24 holes
4/1/97	5457'-5460'	4 JSPF	12 holes
4/1/97	5463'-5465'	4 JSPF	8 holes
4/1/97	5483'-5492'	4 JSPF	36 holes
4/3/97	5125'-5138'	4 JSPF	52 holes
4/3/97	5141'-5146'	4 JSPF	20 holes
4/5/97	4832'-4834'	4 JSPF	8 holes
4/5/97	4843'-4847'	4 JSPF	16 holes
4/5/97	4886'-4894'	4 JSPF	32 holes
7-28-05	6058-6062'	4 JSPF	16 holes
7-28-05	6138-6149'	4 JSPF	44 holes
7-28-05	5076-5088'	4 JSPF	48 holes
7-28-05	4652-4657'	4 JSPF	20 holes

NEWFIELD

Monument Butte Federal NE #7-26
 1984 FEL & 1984 FNL
 SWNE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31754; Lease #U-73088

Monument Butte Federal NE #2-26-8-16

Spud Date: 4/25/97
 Put on Production: 5/31/97
 GL: 5489' KB: 5502'

Initial Production: 44 BOPD,
 95 MCFPD, 26 BWPD

SURFACE CASING

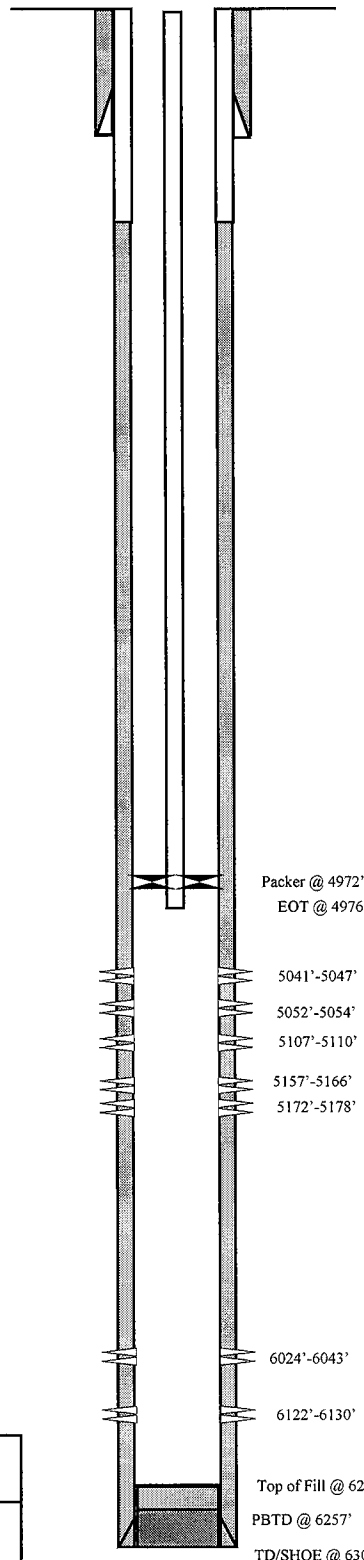
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (291.19')
 DEPTH LANDED: 289.25' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, w/16 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6263.59')
 DEPTH LANDED: 6301.84'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sk Hibond mixed & 405 sxs thixotropic
 CEMENT TOP AT: 785' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 159 jts. (4955.91')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4967.91'
 TOTAL STRING LENGTH: 4976.41'

Injection Wellbore
DiagramFRAC JOB

5/21/97 6024'-6130' **Frac LODC & CP-1 sands as follows:**
 150,100# of 20/40 sand in 745 bbls of Boragel. Perfs broke @ 339 psi. Treated @ avg rate of 35.5 bpm w/avg press of 2450 psi. ISIP-3491 psi, 5-min 2538 psi. Flowback on 12/64" ck for 5 hours and died.

5/23/97 5157'-5178' **Frac D-1 sand as follows:**
 117,500# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 1871 psi. Treated @ avg rate of 28.5 bpm w/avg press of 1500 psi. ISIP-1982 psi, 5-min 1670 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/27/97 5041'-5110' **Frac D-S1 & D-S3 sands as follows:**
 53,000# of 20/40 sand in 278 bbls of Boragel. Perfs broke @ 2309 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Screened out w/10 # sand in perfs, 536 gal left to flush. ISIP- 3875 psi, 5-min 2826 psi. Flowback on 12/64" ck for 2 hours and died.

03/12/02 Tubing leak. Update rod and tubing details.
 12/09/02 Tubing leak. Update rod and tubing details.
 06/04/04 Stuck Plunger. Update rod details
 03/17/05 Tubing leak. Update tubing and rod detail
 08/14/06 Tubing Leak. Update rod and tubing details.
 1/22/08 **Well converted to an Injection well.**
 2/11/08 **MIT completed and submitted.**

PERFORATION RECORD

5/20/97	6122'-6130'	4 JSPF	32 holes
5/20/97	6024'-6043'	4 JSPF	76 holes
5/22/97	5172'-5178'	4 JSPF	24 holes
5/22/97	5157'-5166'	4 JSPF	36holes
5/24/97	5107'-5110'	4 JSPF	12 holes
5/24/97	5052'-5054'	4 JSPF	8 holes
5/24/97	5041'-5047'	4 JSPF	24 holes



Monument Butte Federal NE #2-26-8-16

660 FNL & 1980 FEL
 NW/NE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31768; Lease #UTU-73088

HAWKEYE FEDERAL I-26-8-16

Spud Date: 05/11/07
Put on Production: 07/12/07
GL: 5474' KB: 5486'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (314-06')
DEPTH LANDED: 324.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6702.17')
DEPTH LANDED: 6700.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 204 jts (6389.14')
TUBING ANCHOR: 6401.14' KB
NO. OF JOINTS: 2 jts (63.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6467.09' KB
NO. OF JOINTS: 2 jts (63.28')
TOTAL STRING LENGTH: EOT @ 6531.92' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2' x 7/8" polished rods, 254-7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 2" x 24' x 24' RHAC
STROKE LENGTH: 168"
PUMP SPEED, 5 SPM:

FRAC JOB

07/06/07 6418-6464' **Frac CP5&BS sands as follows:**
70406# 20/40 sand in 700 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 25.4 BPM. ISIP 2365 psi. Calc flush: 6416 gal. Actual flush: 5897 gal.

07/06/07 6260-6333' **Frac CP3&4 sands as follows:**
70451# 20/40 sand in 629 bbls Lightning 17 frac fluid. Treated @ avg press of 2207 psi w/avg rate of 25.7 BPM. ISIP 2404 psi. Calc flush: 6258 gal. Actual flush: 5670 gal.

07/06/07 5550-5558' **Frac B2 sands as follows:**
40136# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 1822 psi w/avg rate of 25.9 BPM. ISIP 2190 psi. Calc flush: 5548 gal. Actual flush: 5040 gal.

07/06/07 5382-5394' **Frac C sands as follows:**
50193# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 1691 psi w/avg rate of 25.9 BPM. ISIP 1775 psi. Calc flush: 5380 gal. Actual flush: 4876 gal.

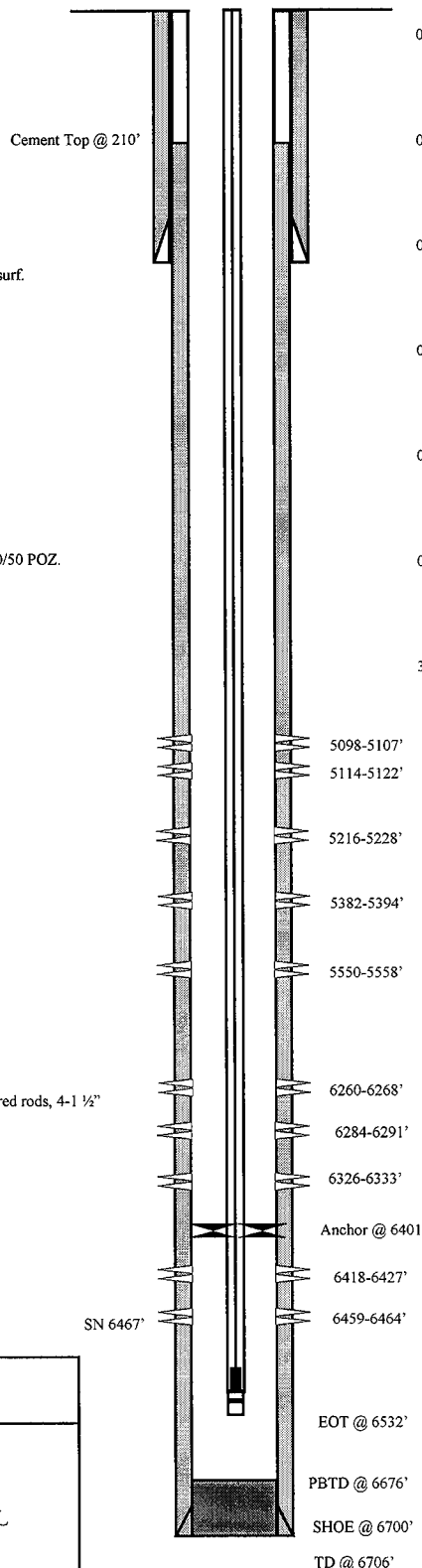
07/06/07 5216-5228' **Frac D1 sands as follows:**
80008# 20/40 sand in 649 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 25.8 BPM. ISIP 2008 psi. Calc flush: 5214 gal. Actual flush: 4700 gal.

07/07/07 5098-5122' **Frac DS1 sands as follows:**
63558# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 25.6 BPM. ISIP 2008 psi. Calc flush: 5096 gal. Actual flush: 5052 gal.

3/17/09 Unit Upgrade.

PERFORATION RECORD

07/06/07	6459-6464'	4 JSPF	20 holes
07/06/07	6418-6427'	4 JSPF	36 holes
07/06/07	6326-6333'	4 JSPF	28 holes
07/06/07	6284-6291'	4 JSPF	28 holes
07/06/07	6260-6268'	4 JSPF	32 holes
07/06/07	5550-5558'	4 JSPF	32 holes
07/06/07	5382-5394'	4 JSPF	48 holes
07/06/07	5216-5228'	4 JSPF	48 holes
07/06/07	5114-5122'	4 JSPF	32 holes
07/06/07	5098-5107'	4 JSPF	36 holes

**HAWKEYE FEDERAL I-26-8-16**

At Surface: 1911' FNL & 668' FEL

At Producing Zone: 1324' FNL & 1323' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-33264; Lease # UTU-73088

Federal H-26-8-16

Spud Date: 3-8-07
Put on Production: 5-10-07
GL: 5489' KB: 5501'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.11')
DEPTH LANDED: 324.96' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6698.57')
DEPTH LANDED: 6711.82' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 44'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 203 jts (6392.26')
TUBING ANCHOR: 6404.26' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6438.58' KB
NO. OF JOINTS: 2 jts (63.15')
TOTAL STRING LENGTH: EOT @ 6503.28' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8", 6', 2' X 7/8" pony rods, 252- 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC w/SM plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

05-03-07 6439-6454' **Frac CP5 sands as follows:**
70354# 20/40 sand in 577 bbls Lightning 17 frac fluid. Treated @ avg press of 2211 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc flush: 6437 gal. Actual flush: 5964 gal.

05-03-07 6155-6170' **Frac CP1 sands as follows:**
75935# 20/40 sand in 603 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25 BPM. ISIP 2320 psi. Calc flush: 6153 gal. Actual flush: 5670 gal.

05-03-07 5575-5582' **Frac B2 sands as follows:**
20287# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 2263 psi w/avg rate of 25 BPM. ISIP 1947 psi. Calc flush: 5573 gal. Actual flush: 5124 gal.

05-03-07 5411-5434' **Frac C sands as follows:**
14999# 20/40 sand in 487 bbls Lightning 17 frac fluid. Treated @ avg press of 2067 w/ avg rate of 24.6 BPM. ISIP 2175 psi. Calc flush: 5046 gal. Actual flush: 4578 gal.

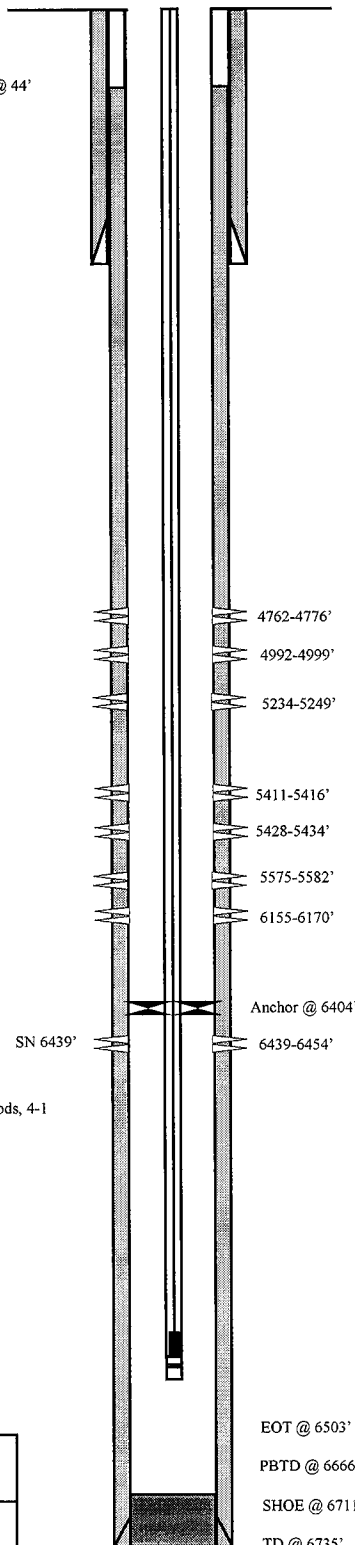
05-03-07 5234-5249' **Frac D1 sands as follows:**
65418# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2013 w/ avg rate of 25 BPM. ISIP 2144 psi. Calc flush: 4232 gal. Actual flush: 4788 gal.

05-03-07 4992-4999' **Frac PB10 sands as follows:**
14861# 20/40 sand in 252 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 w/ avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 4990 gal. Actual flush: 4536 gal.

05-04-07 4762-4776' **Frac GB6 sands as follows:**
111279# 20/40 sand in 900 bbls Lightning 17 frac fluid. Treated @ avg press of 2516 w/ avg rate of 25 BPM. ISIP 3324 psi. Calc flush: 4760 gal. Actual flush: 4662 gal.

PERFORATION RECORD

04-26-07	6439-6454'	4 JSPF	60 holes
05-03-07	6155-6170'	4 JSPF	60 holes
05-03-07	5575-5582'	4 JSPF	28 holes
05-03-07	5428-5434'	4 JSPF	24 holes
05-03-07	5411-5416'	4 JSPF	20 holes
05-03-07	5234-5249'	4 JSPF	60 holes
05-03-07	4992-4999'	4 JSPF	28 holes
05-03-07	4762-4776'	4 JSPF	56 holes

**Federal H-26-8-16**

644' FNL & 1995' FEL

NW/NE Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33275; Lease # UTU-73088

Monument Butte Federal 12-25-8-16

Spud Date: 10/19/95
Put on Production: 12/15/1995
GL: 5442' KB: 5455'

Wellbore Diagram

IP: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305)
DEPTH LANDED: 301.97
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6188.91')
DEPTH LANDED: 6186.11'
HOLE SIZE: 7-7/8"
CEMENT DATA: 270 sx HiFill & 340 sx Thrixotropic
CEMENT TOP AT: 360'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5337.86')
TUBING ANCHOR: 5350.86'
NO. OF JOINTS: 3 jts (94.27')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5316.93'
NO. OF JOINTS: 2 jts (63.26')
TOTAL STRING LENGTH: EOT @ 5508.74'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
SUCKER RODS: 2', 4', 8', x 3/4" pony rods, 98-3/4" guided rods, 79-3/4" plain rods, 36-3/4" guided rods (top20 new), 4-1 1/2" K-bars.
PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 12.5' x 15.5' RHAC Axelson pump
STROKE LENGTH: 42"
PUMP SPEED, SPM: 4 SPM

FRAC JOBS

12/08/95 5380'-5418' **Frac B sands as follows:**
63,900# 20/40 sand in 511 bbls Boragel fluid. Treated @ avg pressure of 2100 psi with avg rate of 30 BPM. ISIP 2048 psi.

12/09/95 5221'-5239' **Frac C sands as follows:**
64,000# 20/40 sand in 500 bbls Bora gel. Treated @ avg pressure of 1700 psi with avg rate of 28.5 BPM. ISIP 2052 psi.

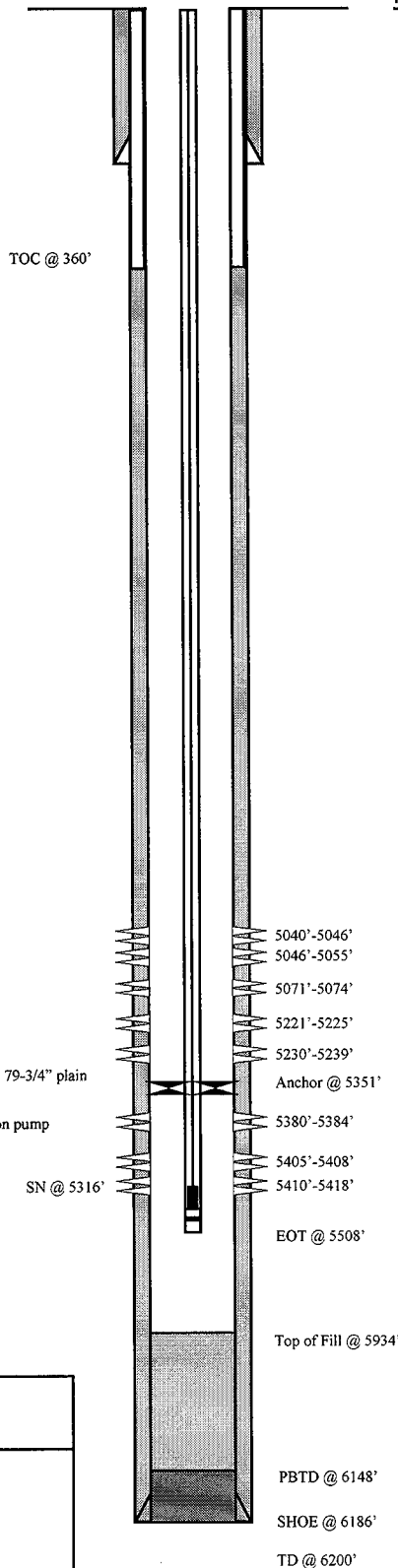
10/30/02 5380'-5418' **Refrac existing B2 sands and frac new B2 sands as follows:**
48,195# 20/40 sand in 376 bbls Viking I-25 fluid. Treated @ avg pressure of 3325 psi with avg rate of 16 BPM. ISIP-2080 psi.
Calc. flush: 1391gals Actual flush: 1302 gals

10/30/02 5040'-5074' **Refrac existing D1 sands and frac new D1 sands as follows:**
48,807# 20/40 sand in 410 bbls Viking I-25 fluid. Treated @ avg pressure of 2100 psi with avg rate of 21 BPM. ISIP-2350 psi.
Calc. flush: 5040 gals Actual flush: 4956 gals

9/9/03
7-15-05
Tubing leak. Update rod and tubing detail.
Pump change: Update rod and tubing detail

PERFORATION RECORD

12/07/95 5410'-5418' 4 JSPF 32 holes
12/07/95 5380'-5384' 4 JSPF 16 holes
12/09/95 5230'-5239' 4 JSPF 36 holes
12/09/95 5221'-5225' 4 JSPF 16 holes
12/12/95 5071'-5074' 4 JSPF 12 holes
12/12/95 5046'-5055' 4 JSPF 36 holes
10/29/02 5405'-5408' 4 JSPF 12 holes
10/29/02 5040'-5046' 4 JSPF 24 holes



NEWFIELD

Monument Butte Federal 12-25-8-16

670' FWL 1901' FSL
NW/SW Section 25-T8S-R16E
Duchesne Co, Utah
API #43-013-31554; Lease #UTU-67170

Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97
Put on Production: 5/1/97
GL: 5510' KB: 5523'

Initial Production: 178 BOPD,
192 MCFPD, 15 BWPD

SURFACE CASING

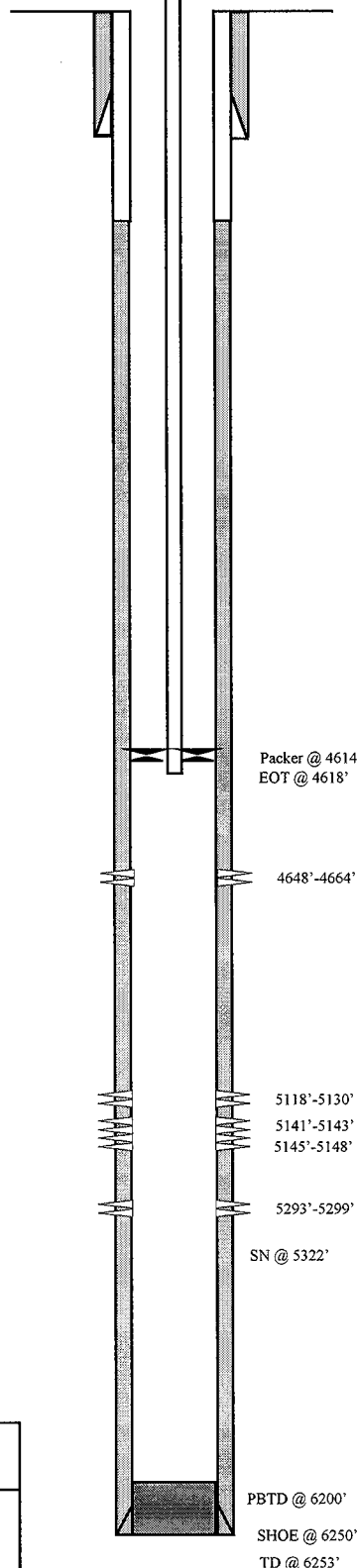
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 292.52' (7 jts.)
DEPTH LANDED: 290.25' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6210.98')
DEPTH LANDED: 6249.89'
HOLE SIZE: 7-7/8"
CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic
CEMENT TOP AT: 664' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 148 jts (4596.26')
TUBING ANCHOR: 4613.53'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 4617.75'
SN LANDED AT: 4609.26'

Injection Wellbore
DiagramFRAC JOB

4/21/97 5293'-5299' **Frac C sand as follows:**
2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sand, 2031 gal of 6-8 PPG of 20/40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand.
4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2/7 bpm w/1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' **Frac D-1 sand as follows:**
92,000# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/avg rate of 25.3 bpm. ISIP-2366, 5-min 2227 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' **Frac GB-6 sand as follows:**
89,400# of 20/40 sand in 456 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/avg press of 2200 psi. ISIP-2818 psi. 5-min 2774 psi. Flowback on 12/64" ck for 4 hours and died.

11/4/08 **Well converted to an Injection Well.**
11/14/08 **MIT completed and submitted.**

PERFORATION RECORD

4/19/97	5293'-5299'	4 JSPF	24 holes
4/24/97	5118'-5130'	4 JSPF	48 holes
4/24/97	5141'-5143'	4 JSPF	8 holes
4/24/97	5145'-5148'	4 JSPF	12 holes
4/26/97	4648'-4664'	4 JSPF	64 holes

NEWFIELD

Monument Butte Federal NE #6-26-8-16

1980 FNL 1980 FWL
SE/NW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31770; Lease #UTU-73088

Monument Butte Federal NE #8-26-8-16

Spud Date: 03/02/97
 Put on Production: 03/22/97
 GL: 5472' KB: 5485'

Initial Production: 80 BOPD,
 68 MCFPD, 12 BWPD

SURFACE CASING

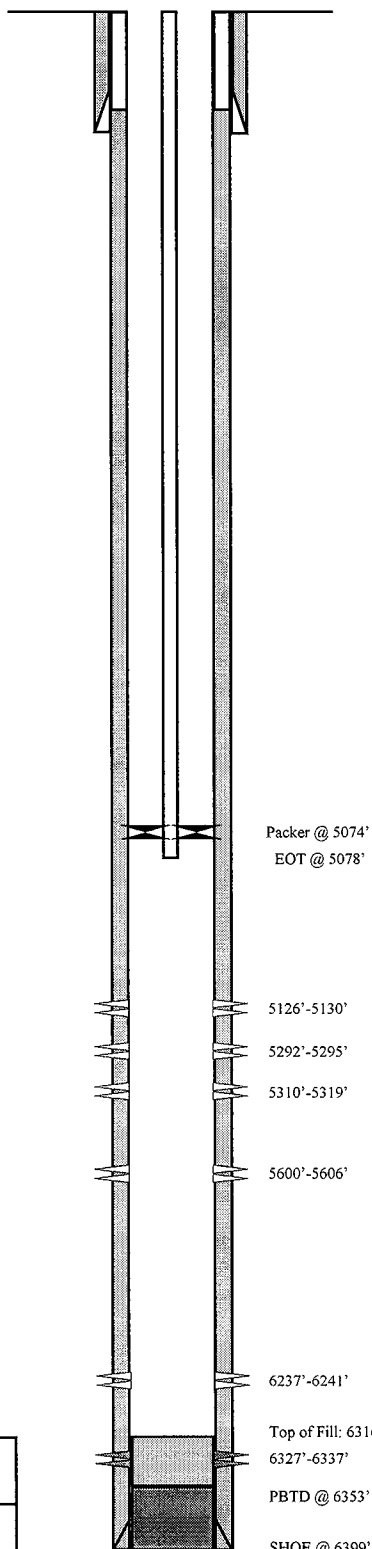
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 287.59' (7 jts)
 DEPTH LANDED: 288' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts (6407.79')
 DEPTH LANDED: 6399.29'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sxs Hibond mixed & 360 sxs thixotropic
 CEMENT TOP AT: 241' per KB

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
 NO. OF JOINTS: 163 jts. (5057.40')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5069.40' KB
 TOTAL STRING LENGTH: EOT 5077.95' KB

Injection Wellbore
DiagramFRAC JOB

3/12/97 6237'-6337' **Frac CP-4 & CP-5 sands as follows:**
 114,800# of 20/40 sand in 551 bbls of Boragel. Treated at avg rate of 26.3 bpm w/avg press of 2350 psi. ISIP-3840 psi. Calc. flush: 6237 gal. Actual flush: 4223 gal. Screened out.

3/14/97 5600'-5606' **Frac A-1 sand as follows:**
 110,800# of 20/40 sand in 560 bbls of Boragel. Treated @ avg rate of 24.4 bpm w/avg press of 1850 psi. ISIP-2224 psi. Calc. flush: 5600 gal. Actual flush: 5518 gal.

3/17/97 5292'-5319' **Frac C sand as follows:**
 109,100# of 20/40 sand in 566 bbls of Boragel. Treated @ avg rate of 24.8 bpm w/avg press of 1650 psi. ISIP-1879 psi. Calc. flush: 5292 gal. Actual flush: 5206 gal.

3/19/97 5126'-5130' **Frac D-1 sand as follows:**
 113,700# of 20/40 sand in 593 bbls of Boragel. Treated @ avg rate of 20.5 bpm w/avg press of 2100 psi. ISIP-2198 psi. Calc. flush: 5126 gal. Actual flush: 5015 gal.

10/9/02 Tubing leak. Update rod and tubing details.

2/21/03 Parted rods. Update rod details.

5/17/03 Tubing leak. Update rod and tubing details.

1/13/04 Parted rods. Update rod details.

9/1/04 Parted rods. Update rod details.

4/9/08 **Well converted to an Injection well.**

4/24/08 **MIT completed and submitted.**

PERFORATION RECORD

3/12/97	6237'-6241'	4 JSPF	16 holes
3/12/97	6327'-6337'	4 JSPF	40 holes
3/13/97	5600'-5606'	4 JSPF	24 holes
3/15/97	5292'-5295'	4 JSPF	12 holes
3/15/97	5310'-5319'	4 JSPF	36 holes
3/18/97	5126'-5130'	4 JSPF	16 holes



Monument Butte Federal NE #8-26-8-16

1891' FNL & 655' FEL

SE/NE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31744; Lease #UTU-73088

Federal M-26-8-16

Spud Date: 7-10-07
 Put on Production: 8-17-07
 GL: 5512' KB: 5524'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.63')
 DEPTH LANDED: 313.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 157 jts. (6669.57')
 DEPTH LANDED: 6682.82' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

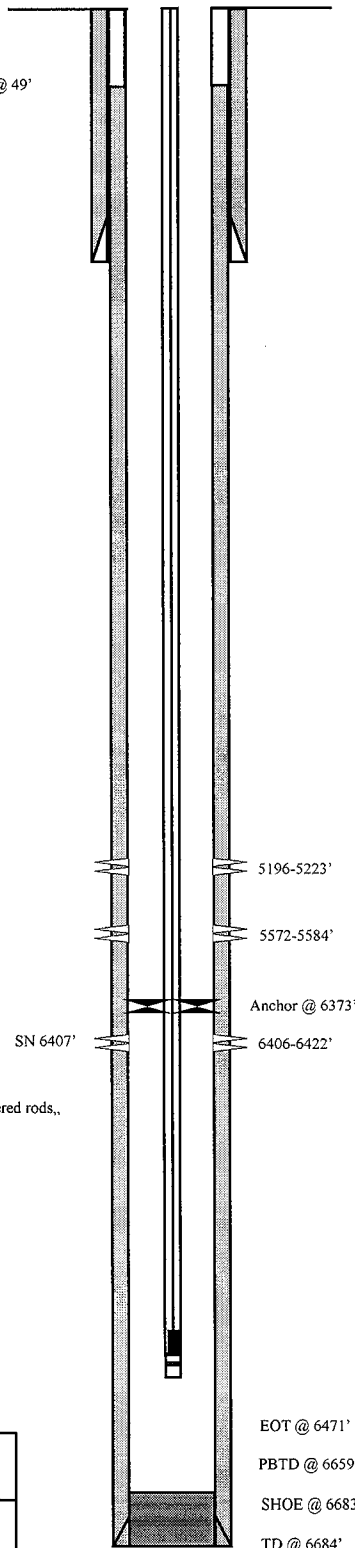
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 202 jts (6360.56')
 TUBING ANCHOR: 6372.56' KB
 NO. OF JOINTS: 1 jts (31.55')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6406.91' KB
 NO. OF JOINTS: 2 jts (62.81')
 TOTAL STRING LENGTH: EOT @ 6471.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2', 1-6', & 1-8' x 7/8" pony rods, 251- 7/8" scraped rods,,
 4-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 123"
 PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 49'



Initial Production: BOPD,
 MCFD, BWPD

FRAC JOB

08-13-07 6406-6422' **Frac cp5sands as follows:**
 80171# 20/40 sand in 672 bbls Lightning 17
 frac fluid. Treated @ avg press of 2170 psi
 w/avg rate of 24.8 BPM. ISIP 2410 psi. Calc
 flush: 6404 gal. Actual flush: 5817 gal.

08-13-07 5572-5584' **Frac B2 sands as follows:**
 24767# 20/40 sand in 376 bbls Lightning 17
 frac fluid. Treated @ avg press of 4225 psi
 w/avg rate of 24.8 BPM. ISIP 1730 psi. Calc
 flush: 5570 gal. Actual flush: 4998 gal.

08-13-07 5196-5223' **Frac D1 sands as follows:**
 137131# 20/40 sand in 996 bbls Lightning 17
 frac fluid. Treated @ avg press of 1848 psi
 w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc
 flush: 5194 gal. Actual flush: 5082 gal.

PERFORATION RECORD

08-08-07	6406-6422'	4 JSPF	64 holes
08-13-07	5572-5584'	4 JSPF	48 holes
08-13-07	5196-5223'	4 JSPF	108 holes

NEWFIELD**Federal M-26-8-16**

1983' FNL & 2001' FWL

SE/NW Section 26-T8S-R16E

Duchesne Co, Utah

API # 43-013-33250; Lease # UTU-34346

Hawkeye Federal L-26-8-16

Spud Date: 6-4-07
Put on Production: 7-19-07

GL: 5498' KB: 5510'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.99')
DEPTH LANDED: 314.89' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

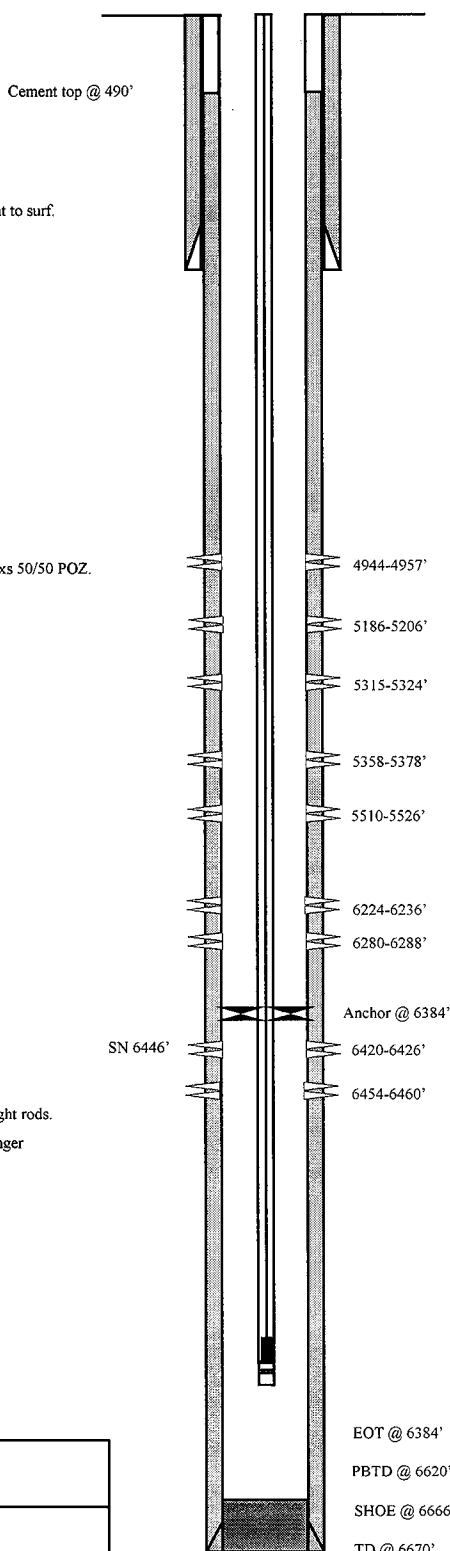
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6652.98')
DEPTH LANDED: 6666.23' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.
CEMENT TOP AT: 490'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 206 jts (6372.13')
TUBING ANCHOR: 6384.13' KB
NO. OF JOINTS: 2 jts (59.04')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6445.82' KB
NO. OF JOINTS: 2 jts (60.97')
TOTAL STRING LENGTH: EOT @ 6508.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 252 7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 2" x 24' x 24' RHAC w/SM plunger
STROKE LENGTH: 168"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07-12-07	6420-6460'	Frac BS, & CP5 sands as follows: 50822# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6418 gal. Actual flush: 5964 gal.
07-13-07	6224-6288'	Frac CP3, & CP2 sands as follows: 49244# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 2499 psi w/avg rate of 29.8 BPM. ISIP 2460 psi. Calc flush: 6222 gal. Actual flush: 5712 gal.
07-13-07	5510-5526'	Frac B1 sands as follows: 69501# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2737 psi w/avg rate of 26.8 BPM. ISIP 3052 psi. Calc flush: 5508 gal. Actual flush: 5082 gal.
07-13-07	5315-5378'	Frac C, & D3 sand as follows: 39606# 20/40 sand in 422 bbls Lightning 17 frac fluid. Treated @ avg press of 1998 w/ avg rate of 24.5 BPM. ISIP 2067 psi. Calc flush: 5313 gal. Actual flush: 4872 gal.
07-13-07	5186-5206'	Frac D1 sand as follows: 59495# 20/40 sand in 524 bbls Lightning 17 frac fluid. Treated @ avg press of 2047 w/ avg rate of 24.5 BPM. ISIP 2352 psi. Calc flush: 5184 gal. Actual flush: 4704 gal.
07-13-07	4944-4957'	Frac PB11 sand as follows: 46754# 20/40 sand in 449 bbls Lightning 17 frac fluid. Treated @ avg press of 2314 w/ avg rate of 24.6 BPM. ISIP 2342 psi. Calc flush: 4942 gal. Actual flush: 4830 gal.
3/17/09		Unit Upgrade.

PERFORATION RECORD

07-12-07	6454-6460'	4 JSPF	24 holes
07-12-07	6420-6426'	4 JSPF	24 holes
07-12-07	6280-6288'	4 JSPF	32 holes
07-12-07	6224-6236'	4 JSPF	48 holes
07-13-07	5510-5526'	4 JSPF	64 holes
07-13-07	5358-5378'	4 JSPF	80 holes
07-13-07	5315-5324'	4 JSPF	36 holes
07-13-07	5186-5206'	4 JSPF	80holes
07-13-07	4944-4957'	4 JSPF	52 holes

NEWFIELD**Hawkeye Federal L-26-8-16**

1968' FSL & 2013' FEL

NW/SE Section 26-T8S-R16E

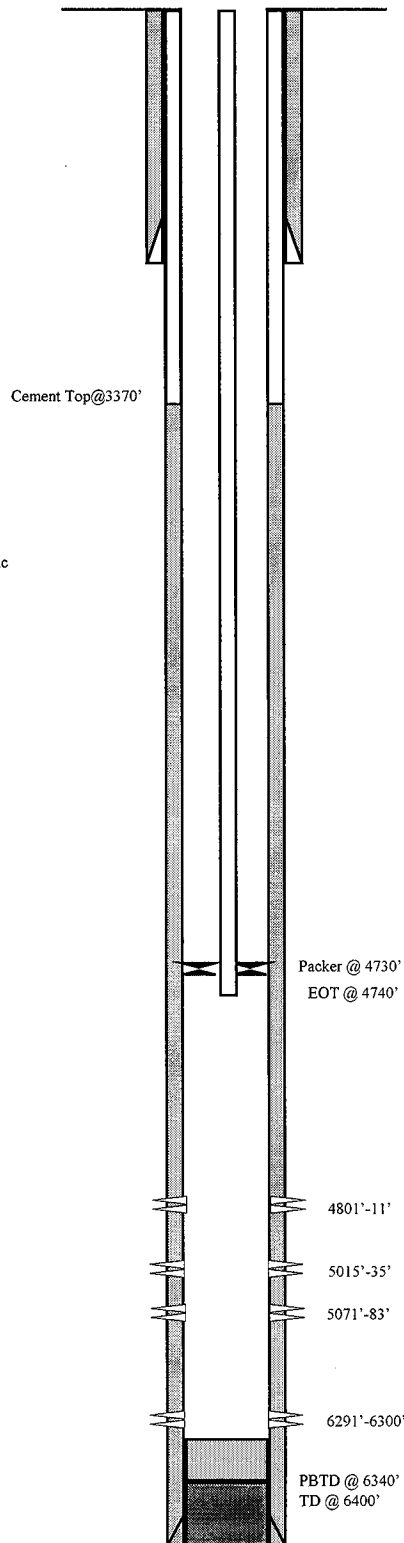
Duchesne Co, Utah

API # 43-013-33263; Lease # UTU-34346

Spud Date: 3/14/97

Put on Production: 4/5/97
GL: 5516' KB: 5529'

Monument Butte Federal #11-26-8-16

Initial Production: 93 BOPD,
120 MCFPD, 18 BWPDSURFACE CASINGCSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 291.40'(7 jts.)
DEPTH LANDED: 291' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est. 6 bbls to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6357.73')
DEPTH LANDED: 6354.71'
HOLE SIZE: 7-7/8"
CEMENT DATA: 390 sk Hibond mixed & 370 sxs thixotropic
CEMENT TOP AT: 3370' per CBLTUBINGSIZE/GRADE/WT.: 2-7/8" / WC-50 & J-55 / 6.5#
NO. OF JOINTS: 206 jts
TUBING ANCHOR: 6088'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6223'
SN LANDED AT: 6153'Injection Wellbore
DiagramFRAC JOB

3/27/97 6291'-6300' **Frac CP-4 sand as follows:**
79,400# of 20/40 sand in 441 bbls of Boragel. Screened out w/5133 gal flush pumped (69,900# sand in formation, 9500# sand in csg). Perfs broke @ 4006 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2900 psi. ISIP-4000psi, 5-min 2466 psi. Flowback on 12/64" ck for 3 hours and died.

3/28/97 5015'-5083' **Frac D-1 and D-Stray sands as follows:**
123,500# of 20/40 sand in 592 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate of 24 bpm w/avg press of 1700 psi. ISIP-2885 psi, 5-min 2730 psi. Flowback on 12/64" ck for 3 hours and died.

3/31/97 4801'-4813' **Frac PB-10 sand as follows:**
91,100# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 3546 psi. Treated @ avg rate of 22.2 bpm w/avg press of 2200 psi. ISIP-2787 psi, 5-min 2691 psi. Flowback on 12/64" ck for 3 hours and died.

5/15/08 **5 Year MIT completed and submitted.**

PERFORATION RECORD

3/26/97	6291'-6300'	4 JSPF	36 holes
3/28/97	5015'-5035'	4 JSPF	80 holes
3/28/97	5071'-5083'	4 JSPF	48 holes
3/29/97	4801'-4811'	4 JSPF	40 holes



Monument Butte Federal #11-26
1980 FWL 1980 FSL
NESW Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31673; Lease #U-34346

Spud Date: 11/13/96
 Put on Injection: 11/25/97
 GL: 5495' KB: 5508'

Monument Butte Federal #9-26

Initial Production: 104 BOPD,
 144 MCFPD, 4 BWPD

Injector Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 307.14' (9 jts.)
 DEPTH LANDED: 305.04' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (6413.33')
 DEPTH LANDED: 6399.33'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 480 sxs thixotropic
 CEMENT TOP AT: 788' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 205 jts (?)
 PACKER: Set @ 4742' KB
 SEATING NIPPLE:
 TOTAL STRING LENGTH: EOT @ 4742'
 SN LANDED AT:

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

12/11/96 5413'-5457' **Frac B-1 & B-2 sands as follows:**
 81,700# of 20/40 sand in 492 bbls of
 Boragel. Breakdown @ 2410 psi. Treated @
 avg rate of 22.4 bpm w/avg press of 1750
 psi. ISIP-2406 psi, 5-min 2379 psi.
 Flowback on 12/64" ck for 4 hours and
 died.

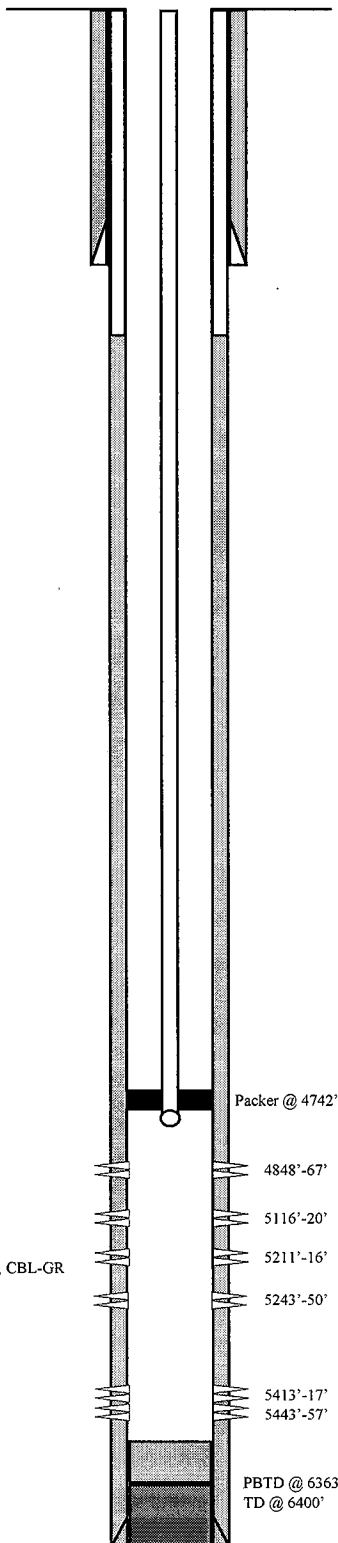
12/14/96 5116'-5250' **Frac D-1, D-3 & C sand as follows:**
 106,900# of 20/40 sand in 565 bbls of
 Boragel. Breakdown @ 2008 psi. Treated @
 avg rate of 25.8 bpm w/avg press of 1700
 psi. ISIP-2694, 5-min 2595 psi. Flowback
 on 12/64" ck for 3 hours and died.

12/16/96 4848'-4867' **Frac PB-11 sand as follows:**
 72,800# of 20/40 sand in 412 bbls of
 Boragel. Breakdown @ 2857 psi. Treated @
 avg rate of 18.6 bpm w/avg press of 2100
 psi. ISIP-2616 psi, 5-min 2550 psi.
 Flowback on 12/64" ck for 3 hours and
 died.

08/23/07 **5 Year MIT**

PERFORATION RECORD

12/11/96	5413'-5417'	4 JSPF	16 holes
12/11/96	5443'-5457'	4 JSPF	56 holes
12/12/96	5243'-5250'	4 JSPF	28 holes
12/12/96	5211'-5216'	4 JSPF	20 holes
12/12/96	5116'-5120'	4 JSPF	16 holes
12/14/96	4848'-4867'	4 JSPF	76 holes



Monument Butte Federal #9-26
 660 FEL 1980 FNL
 NESE Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31667; Lease #U-34346

Spud Date: 11/13/96
Put on Production: 1/10/97
GL: 5531' KB: 5544'

Monument Butte Federal NE #14-26-8-16

Initial Production: 75 BOPD,
121 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 297.90' (7 jts.)
DEPTH LANDED: 291.30' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (6257')
DEPTH LANDED: 6252'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sk Hibond mixed & 390 sxs thixotropic
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 191 jts (5901.89')
TUBING ANCHOR: 5946.65' KB
NO. OF JOINTS: 2 jts (62.23')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6015.18' KB
NO. OF JOINTS: 2 jts (62.16')
TOTAL STRING LENGTH: EOT @ 6077.34'

SUCKER RODS


POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 6-1 1/2" weight bars, 49-3/4" guided rods, 54-3/4" plain rods,
131-3/4" scraped rods; 1-4', 1-8' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump
STROKE LENGTH: 52"
PUMP SPEED, SPM: 5 SPM

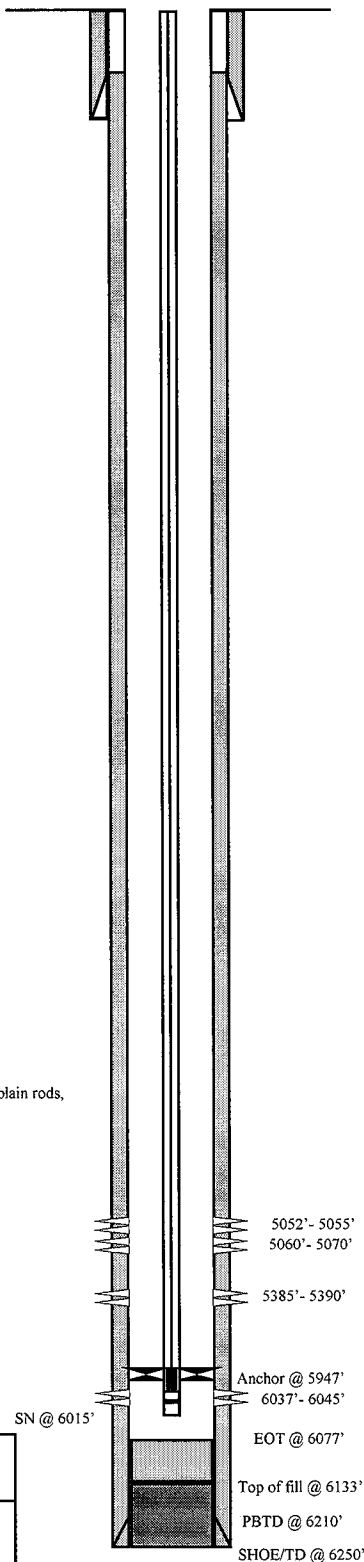
FRAC JOB

1/2/97	6037'-6045'	Frac CP-2 sand as follows: 86,000# of 20/40 sand in 505 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 2300 psi. ISIP-3078 psi.
1/4/97	5385'-5390'	Frac B-2 sand as follows: 98,700# of 20/40 sand in 573 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 1980 psi. ISIP-2041 psi.
1/7/97	5052'-5070'	Frac D-1 sand as follows: 107,600# of 20/40 sand in 546 bbls of Boragel. Treated @ avg rate of 22.5 bpm w/avg press of 2350 psi. ISIP-2902 psi.
3/21/02		Tubing leak. Update rod and tubing details.
8/27/02		Tubing leak. Update rod and tubing details.
4/3/03		Tubing leak. Update rod and tubing details.
1/20/06		Tubing leak. Update rod and tubing details.
1/14/09		Tubing Leak. Updated rod & tubing details.
8/24/09		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

12/30/96	6037'-6045'	4 JSPP	32 holes
1/03/97	5385'-5390'	4 JSPP	20 holes
1/06/97	5052'-5055'	4 JSPP	12 holes
1/06/97	5060'-5070'	4 JSPP	40 holes


Monument Butte Federal NE #14-26-8-16 660' FSL & 1980' FWL SE/SW Section 26-T8S-R16E Duchesne Co, Utah API #43-013-31703; Lease #U-34346



Spud Date: 4/22/96
Put on Production: 5/17/96
Put on Injection: 5/13/99

GL: 5534' KB: 5547'

Monument Butte Federal #15-26-8-16

Initial Production: 296 BOPD,
383 MCFPD, 8 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 305'
DEPTH LANDED: 302.63' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sks Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

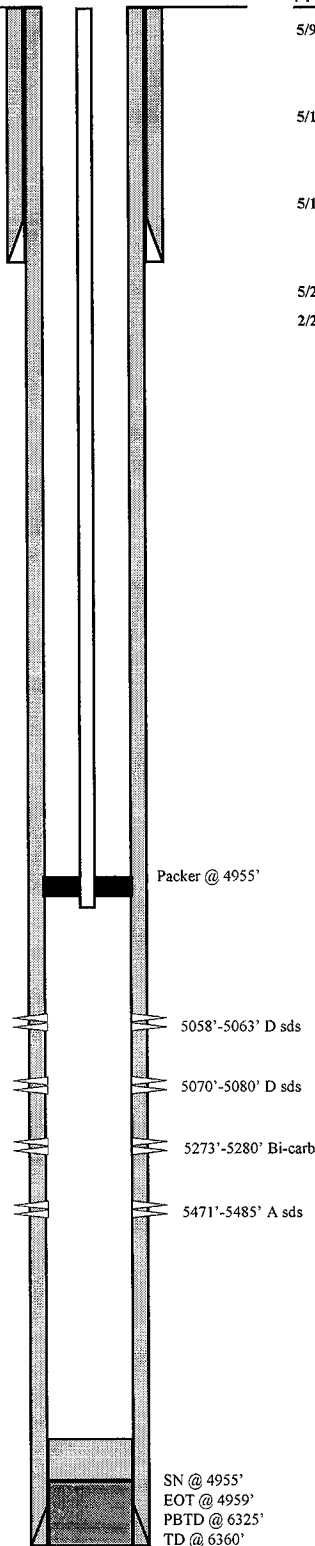
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6363.43')
DEPTH LANDED: 6360.30' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hyfill mixed & 360 sks thixotropic
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / LS / 6.5#
NO. OF JOINTS: 159 jts
SEATING NIPPLE: 1.10' @ 4950.47' KB
PACKER: elements @ 4954.82' KB
TOTAL STRING LENGTH: EOT @ 4958.90' KB

FRAC JOB

5/9/96	5471'-5485'	Frac A sand as follows: 63,800# 20/40 sd in 441 bbls Boragel. Breakdown @ 2449 psi treated @ avg rate 21 bpm, avg press 2490 psi. ISIP 3332 psi.
5/11/96	5273'-5280'	Frac Bi-Carb zone as follows: 31,600# 20/40 sd in 282 bbls Boragel. Breakdown @ 4011, treated @ avg rate 15.5 bpm, avg press 1900 psi. ISIP-2276 psi.
5/14/96	5058'-5080'	Frac D sand as follows: 44,500# 20/40 sd in 316 bbls Boragel. Formation broke @ 2501#, avg TP 1900# 16 bpm. ISIP-2252 psi.
5/2/99		Convert to injector.
2/26/09		5 Year MIT completed and submitted.



PERFORATION RECORD

5/8/96	5471'-5485'	4 JSPF	56 holes
5/10/96	5273'-5280'	4 JSPF	28 holes
5/13/96	5070'-5080'	4 JSPF	40 holes
5/13/96	5058'-5063'	4 JSPF	20 holes



Monument Butte Federal #15-26-8-16
613 FSL & 1979 FEL
SWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31502; Lease #U-67170

Spud Date: 9/05/95

Put on Production: 10/28/95
GL: 5474' KB: 5487'

Monument Butte Federal #16-26-8-16

Initial Production: 93 BOPD,
100 MCFPD, 5 BWPD

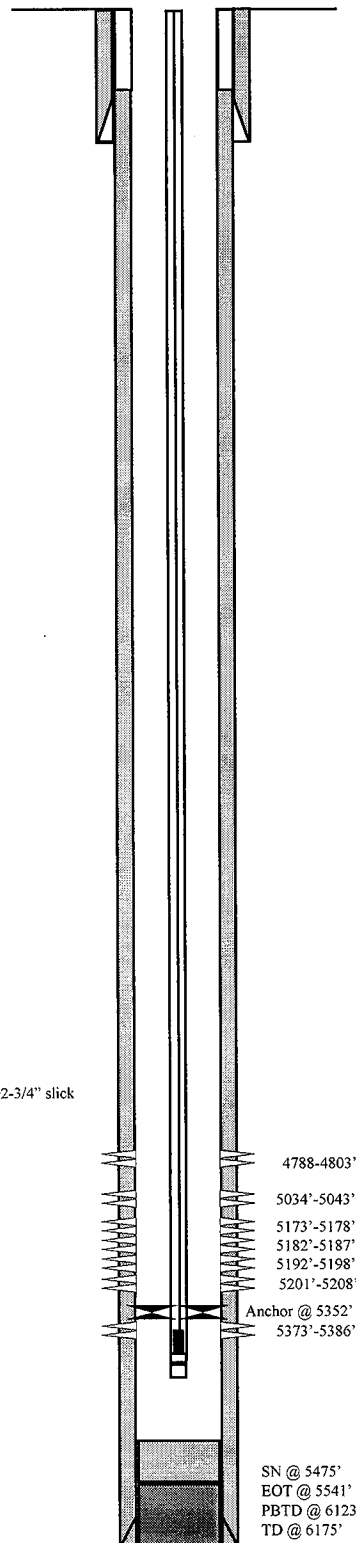
Wellbore Diagram

SURFACE CASINGCSG SIZE: 8-5/8"
GRADE:
WEIGHT: 24#
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premlite + 50 sxs PremPRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
DEPTH LANDED: 6175' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 290 sxs Lead + 375 sxs Thixotropic.
CEMENT TOP AT: 150'TUBINGSIZE/GRADE/WT: 2-7/8", J-55
NO. OF JOINTS: 172 jts (5426.56')
TUBING ANCHOR: 5439.56' KB
NO. OF JOINTS: 1 jt (31.54)
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5475.00' KB
NO. OF JOINTS: 2 7/8" J-55
NO. OF JOINTS: 2 jt (66.00')
TOTAL STRING LENGTH: EOT @ 5541.44' KBSUCKER RODSPOLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-4", 6' x 7/8" pony subs, 90-7/8" guided rods, 102-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight bars
PUMP SIZE: CDI 2 1/2" x 1 3/4" x 12' x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5FRAC JOB

10/19/95	5373'-5386'	Frac B-2 sand as follows: 90,700# of 20/40 sand in 635 bbls of frac fluid. Treated with avg press. of 2200 psi @ 25 bpm, ISIP 2602 psi.
10/21/95	5173'-5198'	Frac C-sd as follows: 80,600# of 20/40 sand in 646 bbls of frac fluid. Treated with avg press. of 2050 psi @ 32 bpm, ISIP 1804 psi.
10/22/95	5034'-5043'	Frac D-1 sand as follows: 59,800# of 16/30 sand in 527 bbls of frac fluid. Treated with avg press. of 2200 psi @ 26 bpm, ISIP 2131 psi.
04/26/07	Recompletion	Frac PB11 sand as follows: 22288# of 20/40 sand in 233 bbls of frac fluid. Treated with avg press. of 4125 psi @ 14.3 bpm, ISIP 2131 psi. Calc flush: 2471 gal. Actual flush: 1113

PERFORATION RECORD

10/18/95	5373'-5386'	
10/20/95	5192'-5198'	
10/20/95	5182'-5187'	
10/20/95	5173'-5178'	
10/22/95	5034'-5043'	
04/24/07	4788'-4803'	4 JSPF 60 holes

**NEWFIELD**

Monument Butte Federal #16-26-8-16

507' FSL & 666' FEL

SE/SE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31517; Lease #U-67170

TW 07-12-07

Spud Date: 6/8/83

Put on Production: 8/1/83

GL: 5532' KB: 5547'

Boll Weevil Federal #26-13-8-16

Initial Production: 50 BOPD,
25 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (282')

DEPTH LANDED: 297' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 225 sxs Class "G" cmt, good cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5# & 14#

LENGTH: 149 jts. (6175')

DEPTH LANDED: 6172'

HOLE SIZE: 7-7/8"

CEMENT DATA: 220 sxs BJ lite & 1000 sxs Class "G"

CEMENT TOP AT: 1700'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 181 jts (5791.95')

TUBING ANCHOR: 5806.95' KB

NO. OF JOINTS: 1 jts (32.45')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5842.20' KB'

NO. OF JOINTS: 1 jts (32.54')

NO. OF JOINTS: 3 jts (91.75')

TOTAL STRING LENGTH: EOT @ 5974.14' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 2' 4", 8x 7/8" pony rods, 99-7/8" guided rods, 77-3/4" plain rods, 50-3/4" guided rods, 6- 1 1/2" wt. bars.

PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC edi pump

STROKE LENGTH: 86"

PUMP SPEED, 5 SPM

FRAC JOB

7/20/83 5994'-5998'

Frac CP-1 sand as follows:

23,500 gal H2O, 30,000# 20/40 sd. ISIP-2180, 5-min 2080, 10-min 2020, 15-min 2000.

7/22/83 5736'-5746'

Frac LODC sand as follows:

28,000 gal H2O, 54,000# of 20/40 sand. Screened Out. ISIP-3400, 5-min 2400, 10-min 2250, 15-min 2150.

7/24/83 5032'-5040'

Frac D sand as follows:

20,000 gal H2O, 50,000# 20/40 sand. ISIP-2100, 5-min 1900, 10-min 1820, 15-min 1800, S1 9 hrs.

6/24/86 4304'-4310'

Frac ? sand as follows:

10,000 gal gelled H2O, 21,000# of 20/40 sand. ISIP-1800, 5-min 1700, 10-min 1630, 15-min 1620.

4/25/95

Re-acidize CP1, LODC, D zones.

5/01/95

Squeeze perfs 4304'-4310' w/ 50 sx Class "G" cement.

10/11/96

Pump change. Update rod and tubing details.

5-4-05

Pump change. Update rod and tubing details.

5/22/09 6046-6060'

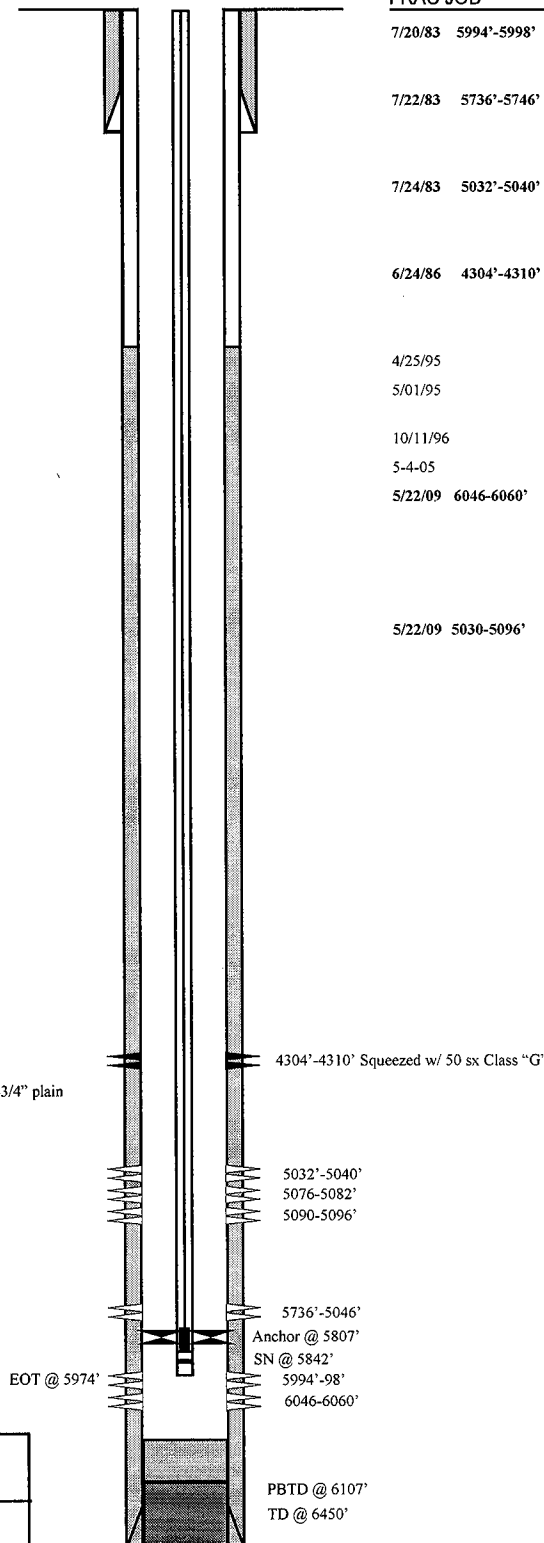
Frac CP2 sds as follows:

24,999# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4550 @ ave rate of 15 BPM w/ 6 ppg of sand. ISIP was 2158 w/ .79FG. 5 min was 2004 pi. 10 min was 1950 psi.

5/22/09 5030-5096'

Frac D1 & Ds1 sds as follows:

60,059#s of 20/40 sand in 540 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4784 @ ave rate of 15 BPM w/ 6 ppg of sand. ISIP was 2697 w/ .97FG. 5 min was 2348 pi. 10 min was 2187 psi. 15 min was 2099.

PERFORATION RECORD

7/20/83	5994'-5998'	3 JSFP	12 holes
7/22/83	5736'-5746'	3 JSFP	30 holes
7/24/83	5032'-5040'	3 JSFP	24 holes
6/23/86	4304'-4310'	2 JSFP	12 holes
5/27/09	5030-5040'	64 shots	
5/27/09	5076-5082'	4 JSFP	24 holes
5/27/09	5090-5096'	4 JSFP	24 holes
5/27/09	6046-6060'	4 JSFP	56 holes

NEWFIELD

Boll Weevil Federal #26-13-8-16
 1980' FSL & 660' FWL
 NW/SW Section 26-T8S-R16E
 Duchesne Co, Utah
 API #43-013-30770; Lease #U-34346

Federal 2A-35-8-17

Spud Date: 11/28/05
 Put on Production: 12/28/05
 GL: 5054' KB:5066'

Initial Production: BOPD 5,
 MCFD 20, BWPD 22

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (309.0')
 DEPTH LANDED: 319' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6186.29')
 DEPTH LANDED: 6184.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5518.40')
 TUBING ANCHOR: 5530.40' KB
 NO. OF JOINTS: 2 jts (65.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5598.34' KB
 NO. OF JOINTS: 2 jts (65.12')
 TOTAL STRING LENGTH: EOT @ 5665.01' w/ 12' KB'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-8", 1-2" x 3/4" pony rods, 100-3/4" scraped rods; 107-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC pump w/ SM Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIG/GR/SP/CAL

FRAC JOB

12/22/05 5500'-5578'

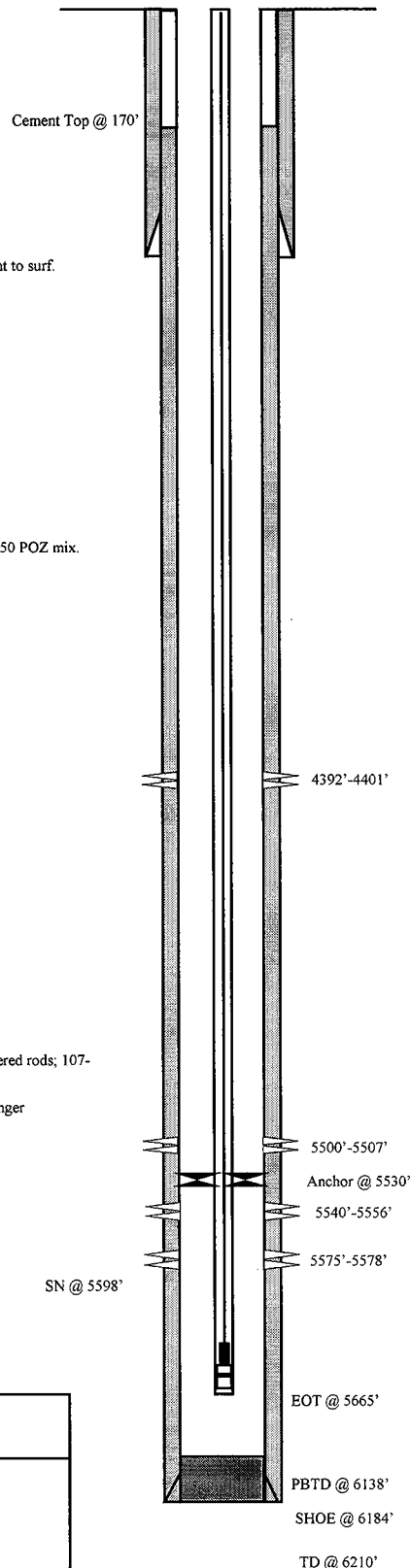
Frac A3 and LODC sands as follows:
 140,872# 20/40 sand in 964 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2050 psi
 w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc
 flush: 5498 gal. Actual flush: 4326 gal.

12/22/05 4392'-4401'

Frac GB2 sands as follows:
 49,702# 20/40 sand in 413 bbls lightning
 Frac 17 fluid. Treated @ avg press of 2680 psi
 w/avg rate of 25 BPM. ISIP 2660 psi. Calc
 flush: 4390 gal. Actual flush: 4284 gal.

PERFORATION RECORD

12/16/05	5575'-5578'	4 JSPF	12 holes
12/16/05	5540'-5556'	4 JSPF	64 holes
12/16/05	5500'-5507'	4 JSPF	28 holes
12/22/05	4392'-4401'	4 JSPF	36 holes



NEWFIELD

Federal 2A-35-8-17

609' FNL & 1895' FEL

NW/NE Section 35-T8S-R17E

Uintah County, Utah

API #43-047-36073; Lease #UTU-40026

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
1 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-34081**

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample Point: **tank**

Sample Date: **11/23/2009**

Sales Rep: **Randy Huber**

Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	11/30/2009
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5868
Molar Conductivity (µS/cm):	8892
Resitivity (Mohm):	1.1246

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		40.00	Chloride (Cl):
Magnesium (Mg):		-	Sulfate (SO₄):
Barium (Ba):		28.00	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		1929.00	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		2.38	Phosphate (PO₄):
Manganese (Mn):		0.03	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100	0	6.73	16.09	0.00	-1921.20	0.00	-2033.80	-	-	21.36	34.94	0.79
80	0	5.14	12.59	0.00	-13.52	0.00	-2169.00	-	-	32.09	36.80	0.38
100	0	6.73	16.09	0.00	-9.89	0.00	-2033.80	-	-	21.36	34.94	0.46
120	0	8.22	19.20	0.00	-7.22	0.00	-1837.70	-	-	14.55	32.84	0.52
140	0	9.65	22.20	0.00	-5.25	0.00	-1608.60	-	-	10.12	30.47	0.58
160	0	10.94	24.90	0.00	-3.84	0.00	-1369.80	-	-	7.18	27.80	0.65
180	0	12.03	26.95	0.00	-2.85	0.00	-1138.80	-	-	5.17	24.81	0.72
200	0	12.87	28.07	0.00	-2.16	0.00	-927.04	-	-	3.78	21.49	0.73
220	2.51	13.41	28.30	0.00	-1.71	0.00	-747.33	-	-	2.76	17.60	0.74
240	10.3	13.78	27.70	0.00	-1.38	0.00	-587.35	-	-	2.07	13.45	0.75
260	20.76	13.94	26.85	0.00	-1.16	0.00	-454.17	-	-	1.57	8.88	0.76
280	34.54	13.93	26.05	0.00	-1.02	0.01	-345.62	-	-	1.20	3.81	0.77
300	52.34	13.76	25.38	0.00	-0.92	0.01	-258.72	-	-	0.92	-1.80	0.79

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

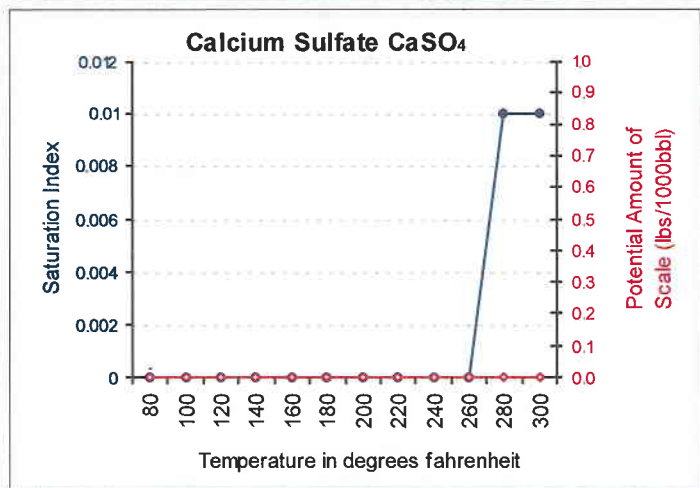
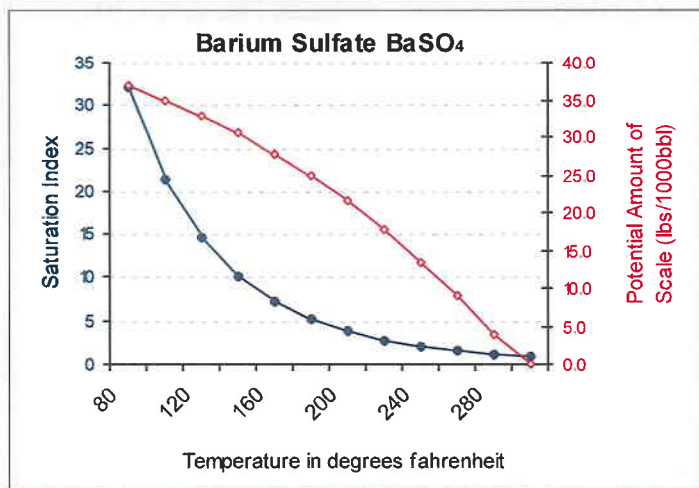
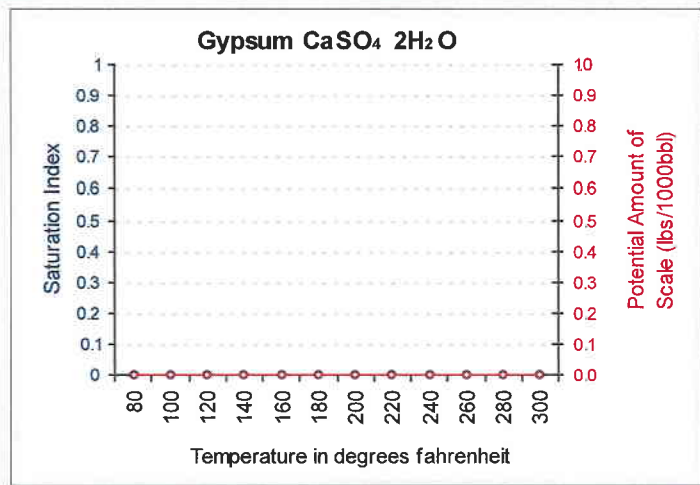
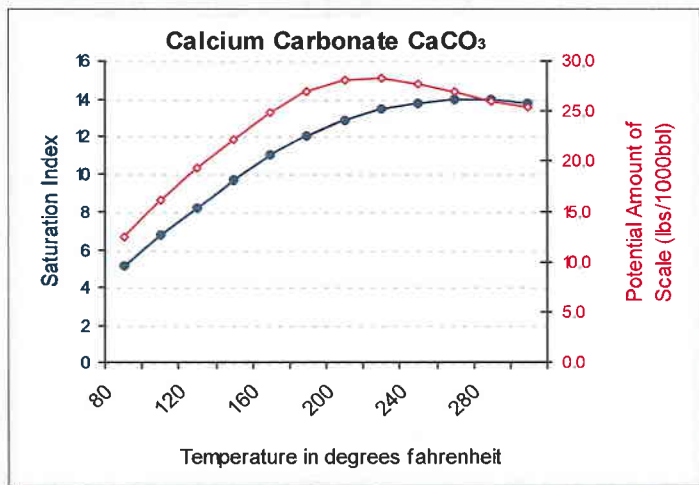
Vernal, UT 84078



Scale Prediction Graphs

Well Name: **Mon Butte Fed NE 10-26-8-16**

Sample ID: **WA-34081**



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F
3 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-35260**

Well Name: **Monument Butte Injection**

Sample Point: **Before Desilter**

Sample Date: **1 / 1 / 2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/5/2010	Cations	mg/L	Anions	mg/L
Temperature (°F):	90	Calcium (Ca):	40.00	Chloride (Cl):	6000.00
Sample Pressure (psig):	0	Magnesium (Mg):	24.40	Sulfate (SO ₄):	140.00
Specific Gravity (g/cm ³):	1.0040	Barium (Ba):	14.00	Dissolved CO ₂ :	-
pH:	9.1	Strontium (Sr):	-	Bicarbonate (HCO ₃):	780.00
Turbidity (NTU):	-	Sodium (Na):	4139.00	Carbonate (CO ₃):	-
		Potassium (K):	-	H ₂ S:	-
		Iron (Fe):	2.29	Phosphate (PO ₄):	-
		Manganese (Mn):	0.15	Silica (SiO ₂):	-
Calculated T.D.S. (mg/L):	11140	Lithium (Li):	-	Fluoride (F):	-
Molar Conductivity (µS/cm):	16879	Aluminum (Al):	-	Nitrate (NO ₃):	-
Resistivity (Mohm):	0.5925	Ammonia NH ₃ :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F



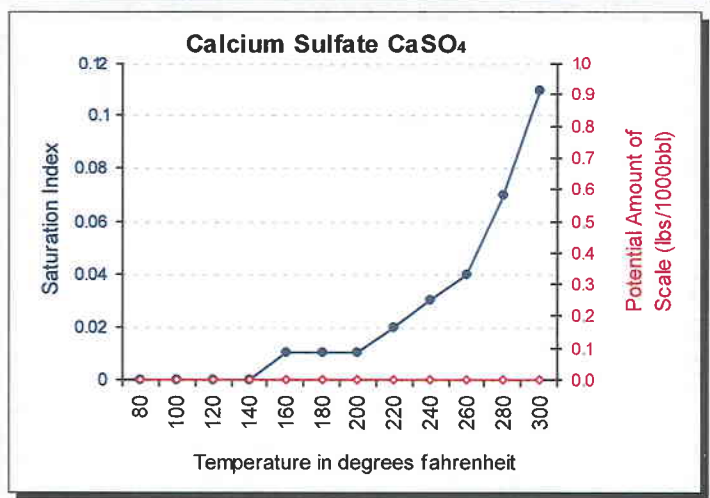
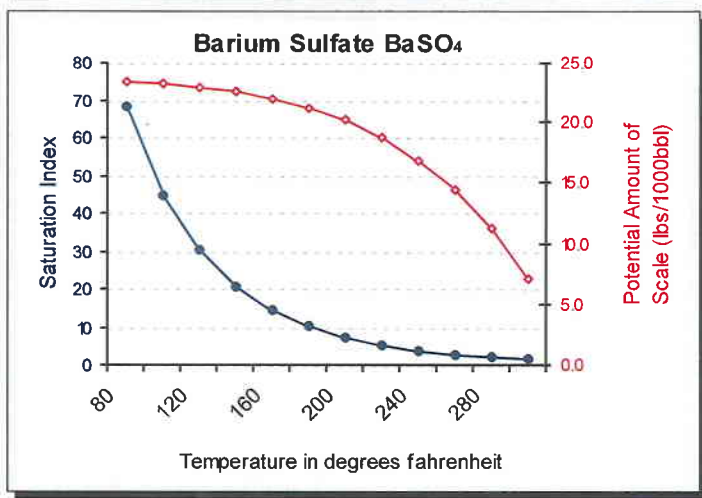
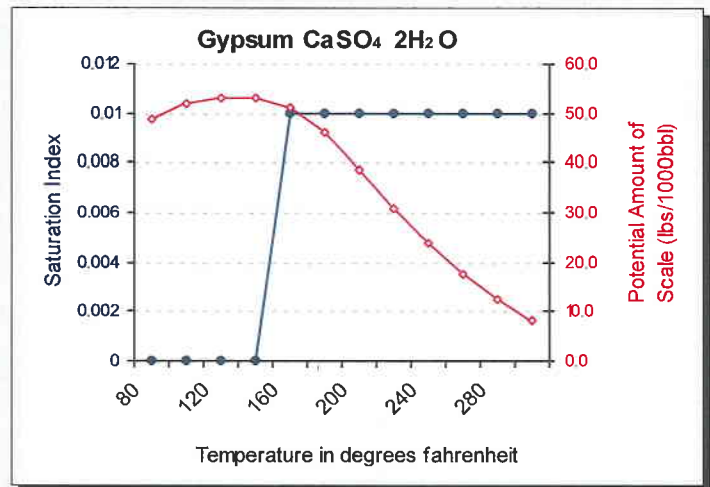
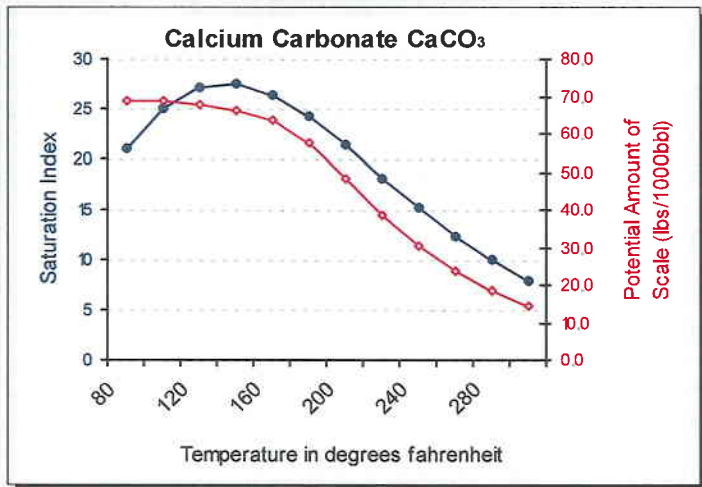
Multi-Chem Group, LLC
Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**



Attachment "G"

**Monument Butte Federal #10-26-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5834	6021	5928	2100	0.79	2062 ←
5244	5252	5248	3768	1.15	3734
5069	5056	5063	2580	0.94	2547
				Minimum	<u><u>2062</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/10/96 **Completion Day** 1
Present Operation TIH w/tbg, prep to perf **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 2612 **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/9/96 **SITP:** **SICP:**

MIRU Basin #6. WO tbg head to be installed. Clean sd out of flat tank. Install csg head w/ERC. NU BOP. PU & TIH w/4-1/2" drlg bit, 5-1/2" csg scraper & 84 jts 2-7/8" 6.5# J-55 tbg to 2612'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	1,365
BOP	145
Tanks	20
Trucking	600
Tbg	15,625
CBL	1,250
Tbg Head	2,250
Anchors	700
Location cleanup	200
IPC-supervision	300
Wtr	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$22,555
TOTAL WELL COST: \$165,810



Attachment G-1
2 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/11/96 **Completion Day** 2
Present Operation Frac "LDC" & "CP" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** 6.5 @ J-55 **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/10/96 **SITP:** 0 **SICP:** 0

Finish PU & TIH w/117 jts tbg. Tag PBTD @ 6205'. (201 jts tbg total). LD 1 jt tbg. Press test csg to 3000 psi. RU swb. IFL @ sfc, made 13 runs, rec 126 BW, FFL @ 5300'. TOH LD bit & scraper. RU Western Atlas & PERF "LDC" SD @ 5834-39', 5852-54', 5892-99' & "CP" SD @ 6019-21' W/4 JSPF. TIH w/tbg to 6186'. RU swb. IFL @ 5300', made 3 runs, rec 14 BW, FFL @ 5800'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

COSTS

Base Fluid used: **Job Type:**
Company:
Procedure:

Basin-rig	1,415
BOP	145
Wtr	100
Perfs	1,812
Tanks	60
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$3,732
TOTAL WELL COST: \$169,542



Attachment G-1
3 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/12/96 **Completion Day** 3
Present Operation Perforate **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20			
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/11/96 **SITP:** 0 **SICP** 0

IFL @ 5600', made 2 runs, rec 7 BTW, FFL @ 5900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "LDC" & "CP" sd w/119,500# of 20/40 sd in 661 bbls of Boragel. Break dn @ 2617 psi. Treated @ ave rate of 34.5 bpm w/ave press of 1750 psi. ISIP: 2100 psi, 5 min: 1978 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 165 BTF. SIFN. Est 496 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>661</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>165</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>496</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

COSTS

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
4000 gal pad
2000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
4013 gal w/8-10 PPG of 20/40 sd
Flush w/5771 gal of 10# linear gel

Basin-rig	<u>723</u>
BOP	<u>145</u>
Tanks	<u>60</u>
HO trk	<u>800</u>
Wtr	<u>800</u>
Frac	<u>21,850</u>
IPC-supervision	<u>200</u>

Max TP	<u>2617</u>	Max Rate	<u>36</u>	Total fluid pmpd:	<u>661 bbls</u>
Avg TP	<u>1750</u>	Avg Rate	<u>34.5</u>	Total Prop pmpd:	<u>119,500#</u>
ISIP	<u>2100</u>	5 min	<u>1978</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$24,578</u>
TOTAL WELL COST:	<u>\$194,120</u>



Attachment 6-1
4 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/13/96 **Completion Day** 4
Present Operation Frac "C" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/12/96 **SITP:** **SICP** 50

Open & flowed 10 BTF & died. TIH w/RBP. Set plug @ 5330'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 12 runs, rec 111 BTF, FFL @ 4700'. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 5244-52' W/4 JSPF. TIH w/tbg to 5310'. RU swb. IFL @ 4700', made 7 runs, rec 12 BW, FFL @ 5200'. SIFN. Est 373 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>496</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>123</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>373</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>5200</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0%</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	1,538
BOP	145
Tanks	60
Wtr	600
RBP	765
Perfs	1,280
IPC-supervision	200

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$4,588

TOTAL WELL COST: \$198,708



Attachment G-1
5 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/14/96 **Completion Day** 5
Present Operation Perf "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8			
LDC	5892-99'	4/28			
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/13/96 **SITP:** **SICP** 150

Bleed gas off csg. RU swb. IFL @ 4600', made 2 runs, rec 7 BTF, FFL @ 4900'. TOH w/tbg. NU treesaver. RU Halliburton & frac "C" sd w/98,700# of 20/40 sd in 519 bbls of Boragel. Break dn @ 3360'. Treated @ ave rate of 20.3 bpm w/ave press of 2000 psi. ISIP: 3768 psi, 5 min: 3417 psi. Flowback on 12/64" ck for 12 min & died. Rec 23 BTF. TIH w/RBP. Set plug @ 5120'. Press test plug to 3000 psi. RU swb. IFL @ sfc, made 1 run, rec 12 BTF, FFL @ 500'. SIFN. Est 850 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>373</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>477</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>850</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
2500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1124 gal w/8-10 PPG of 20/40 sd
Flush w/5172 gal of 10# linear gel

COSTS

Basin-rig	<u>1,280</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,282</u>
RBP	<u>765</u>
HO trk	<u>750</u>
IPC-supervision	<u>200</u>

Max TP	<u>4180</u>	Max Rate	<u>21.5</u>	Total fluid pmpd:	<u>519 bbls</u>
Avg TP	<u>2000</u>	Avg Rate	<u>20.3</u>	Total Prop pmpd:	<u>98,700#</u>
ISIP	<u>3768</u>	5 min	<u>3417</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,482</u>
TOTAL WELL COST:	<u>\$221,190</u>



Attachment G-1
6 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/15/96 **Completion Day** 6
Present Operation Frac "D" Sand **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:** 5330/5120

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/14/96 **SITP:** 0 **SICP** 0

RU swb. IFL @ 600', made 7 runs, rec 87 BTF, FFL @ 4250'. TOH w/tbg. RU Western Atlas & PERF "D" SD @ 5069-77', 5080-86' W/4 JSPF. TIH w/tbg to 5060'. RU swb. IFL @ 4000', made 3 runs, rec 21 BTF, FFL @ 4900'. SIFN. Est 742 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>850</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>108</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>742</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig 700

BOP 145

Perfs 1,385

Wtr 200

IPC-supervision 200

Max TP **Max Rate** **Total fluid pmpd:**

Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$2,630

TOTAL WELL COST: \$223,820



Attachment G-1
7 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/17/96 **Completion Day** 7
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/16/96 **SITP:** 100 **SICP:** 250

Bleed gas off well. RU swb. IFL @ 3200', made 2 runs, rec 4 BTF w/10% oil cut, FFL @ 3350'. TOH w/tbg. NU treesaver. RU Halliburton & frac "D" sd w/109,100# of 20/40 sd in 551 bbls of Boragel. Break dn @ 3367 psi. Treated @ ave rate of 20.4 bpm w/ave press of 1800 psi. ISIP: 2580 psi, 5 min: 2485 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 54 BTF. SIFN. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>742</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>493</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
3500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
12000 gal w/5-8 PPG of 20/40 sd
1653 gal w/8-10 PPG of 20/40 sd
Flush w/4974 gal of 10# linear gel

COSTS

Basin-rig	<u>695</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>19,815</u>
HO trk	<u>800</u>
Wtr	<u>750</u>
Flowback-super	<u>100</u>
IPC-supervision	<u>200</u>

Max TP	<u>3367</u>	Max Rate	<u>25</u>	Total fluid pmpd:	<u>551 bbls</u>
Avg TP	<u>1800</u>	Avg Rate	<u>20.4</u>	Total Prop pmpd:	<u>109,100#</u>
ISIP	<u>2580</u>	5 min	<u>2485</u>	10 min	<u> </u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,565</u>
TOTAL WELL COST:	<u>\$246,385</u>



Attachment B-1
8 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/18/96 **Completion Day** 8
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** **BP/Sand PBTD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/17/96 **SITP:** **SICP:**

Thaw out wellhead. TIH w/RH to 1971'. Rig broke dn. SI f/RR. Est 1235 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1235</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	435
BOP	145
Tanks	60
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$740
TOTAL WELL COST: \$247,125



Attachment G-1
9 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/19/96 **Completion Day** 9
Present Operation Swab well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT** @ **BP/Sand PBD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/18/96 **SITP:** **SICP:**

Repair rig. Thaw out wellhead. TIH w/RH. Tag sd @ 4813'. Clean out to plug @ 5120'. Release plug. TOH to 3700'. SIFN. Lost 60 bbls during circ. SIFN. Est 1175 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1235</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>60</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1175</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Basin-rig	590
BOP	145
Tanks	20
Wtr Disposal	300
HO trk	120
IPC-supervision	100

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$1,275
TOTAL WELL COST: \$248,400



Attachment G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/20/96 **Completion Day** 10

Present Operation Swab test well **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6098 **BP/Sand PBTD:** 6205

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/19/96 **SITP:** **SICP:**

TOH LD plug. TIH w/new RH. Tag sd @ 5183'. Fill hole w/24 BW. Clean out to plug @ 5330'. Release plug.
TOH LD plug. TIH w/NC. Tag sd @ 5898'. Clean out to PBTD @ 6205'. LD 4 jts. EOT @ 6098'. RU swb. IFL @
sfc, made 5 runs, rec 60 BTF, FFL @ 700'. Lost 170 BW during circ. SIFN. Est 1309 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1175</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>134</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1309</u>	Cum oil recovered	<u>0</u>
IFL <u>sfc</u> FFL <u>700</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0</u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure:

COSTS

Basin-rig	<u>1,493</u>
BOP	<u>145</u>
Tanks	<u>25</u>
Wtr	<u>150</u>
IPC-supervision	<u>100</u>

Max TP **Max Rate** **Total fluid pmpd:**

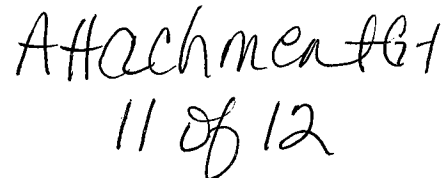
Avg TP **Avg Rate** **Total Prop pmpd:**

ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$1,913

TOTAL WELL COST: \$250,313



WELL NAME	Monument Butte Fed NE 10-26	Report Date	12/21/96	Completion Day	11
Present Operation	Swab & run prod tbg		Rig	Basin #6	

WELL STATUS

Surf Csg:	8-5/8	@	307 KB	Liner	@	Prod Csg	5-1/2	@	6253	Csg PBTB	6205
Tbg:	Size	2-7/8	Wt	6.5	Grd	J-55	Pkr/EOT	@	6073	BP/Sand	PBTB: 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/20/96 **SITP:** 0 **SICP:** 0

RU swb. IFL @ sfc, made 10 runs, rec 220 BTF (est 10 BO, 210 BW), FFL @ 1200'. FOC 5% w/tr of sd. TIH w/3 jts tbkg. Tag sd @ 6168'. TOH w/tbkg. TIH w/prod tbkg as follows: NC, 2 jts tbkg, SN, 2 jts tbkg, TA & 192 jts 2-7/8" 6.5# J-55 tbkg. Landed w/EOT @ 6073', SN @ 6009', TA @ 5944'. ND BOP. Set TA w/8,000# tension. NU wellhead. RU swb. SIFN. Est 1099 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered	1309	Starting oil rec to date	0
Fluid lost/recovered today	210	Oil lost/recovered today	10
Ending fluid to be recovered	1099	Cum oil recovered	10
IFL sfc FFL 1200 FTP		Choke Final Fluid Rate Final oil cut 5%	

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____
Company: _____
Procedure: _____

COSTS

Basin-rig	1,574
BOP	145
Tanks	20
Wtr	300
TA-SN	650
Tbg Head	2,250
IPC-supervision	100

Max TP _____	Max Rate _____	Total fluid pmpd: _____
Avg TP _____	Avg Rate _____	Total Prop pmpd: _____
ISIP _____	5 min _____	10 min _____ 15 min _____
Completion Supervisor: Brad Mecham		

DAILY COST:	\$5,039
TOTAL WELL COST:	\$255,352



Attachment 6-1
12 of 12

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 10-26 **Report Date** 12/22/96 **Completion Day** 12
Present Operation Well on production **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 307 KB **Liner** @ **Prod Csg** 5-1/2 @ 6253 **Csg PBTD** 6205
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** J-55 **Pkr/EOT @** 6073 **BP/Sand PBTD:** 6168

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LDC	5834-39'	4/20	C	5244-52'	4/32
LDC	5852-54'	4/8	D	5069-77'	4/32
LDC	5892-99'	4/28	D	5080-86'	4/24
CP	6019-21'	4/8			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/21/96 **SITP:** 50 **SICP** 150

Bleed gas off well. RU swb. IFL @ 500', made 6 runs, rec 110 BTF (est 6 BO, 104 BW), FFL @ 1100'. FOC 5%. RU hot oil trk. Flush tbg w/40 bbls hot wtr. TIH w/rod string as follows: 2-1/2 x 1-1/2 x 12 x 16 RHAC pmp, 4 - 1-1/2" wt rods, 4 - 3/4" scraped rods, 137 - 3/4" plain rods, 94 - 3/4" scraped rods, 3 - 2', 1 - 4', 1 - 6' pony rods & 1-1/2 x 22' polished rod. Seat pmp. Fill tbg w/10 BW. Stroke pmp up to 1,000 psi, held w/good action. RDMO. **PLACE WELL ON PRODUCTION @ 5:30 PM, 12/21/96 W/74" SL @ 7-1/2 SPM.** Est 1045 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1099</u>	Starting oil rec to date	<u>10</u>
Fluid lost/recovered today	<u>54</u>	Oil lost/recovered today	<u>6</u>
Ending fluid to be recovered	<u>1045</u>	Cum oil recovered	<u>16</u>
IFL <u>500</u> FFL <u>1100</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u>5%</u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

IPC-supervision	300
Basin-rig	1,550
Tanks	20
Wtr disposal	500
HO trk	525
Rods/Rotator	6,200
Tbg Head	2,250
Trucking	500
Pmp	700
Pit Reclaim	800
Location Cleanup	200
Sfc Equip	96,330
DAILY COST:	\$109,875
TOTAL WELL COST:	\$365,227

Max TP <u> </u> Max Rate <u> </u> Total fluid pmpd: <u> </u>	
Avg TP <u> </u> Avg Rate <u> </u> Total Prop pmpd: <u> </u>	
ISIP <u> </u> 5 min <u> </u> 10 min <u> </u> 15 min <u> </u>	
Completion Supervisor: <u>Brad Mecham</u>	

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5019'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 143' balance plug using 17 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 344'
6. Plug #4 Circulate 97 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96
POP: 12/21/96
GL: 5496' KB: 5509'

Initial Production: 210 BOPD,
198 MCFPD, 12 BWPD

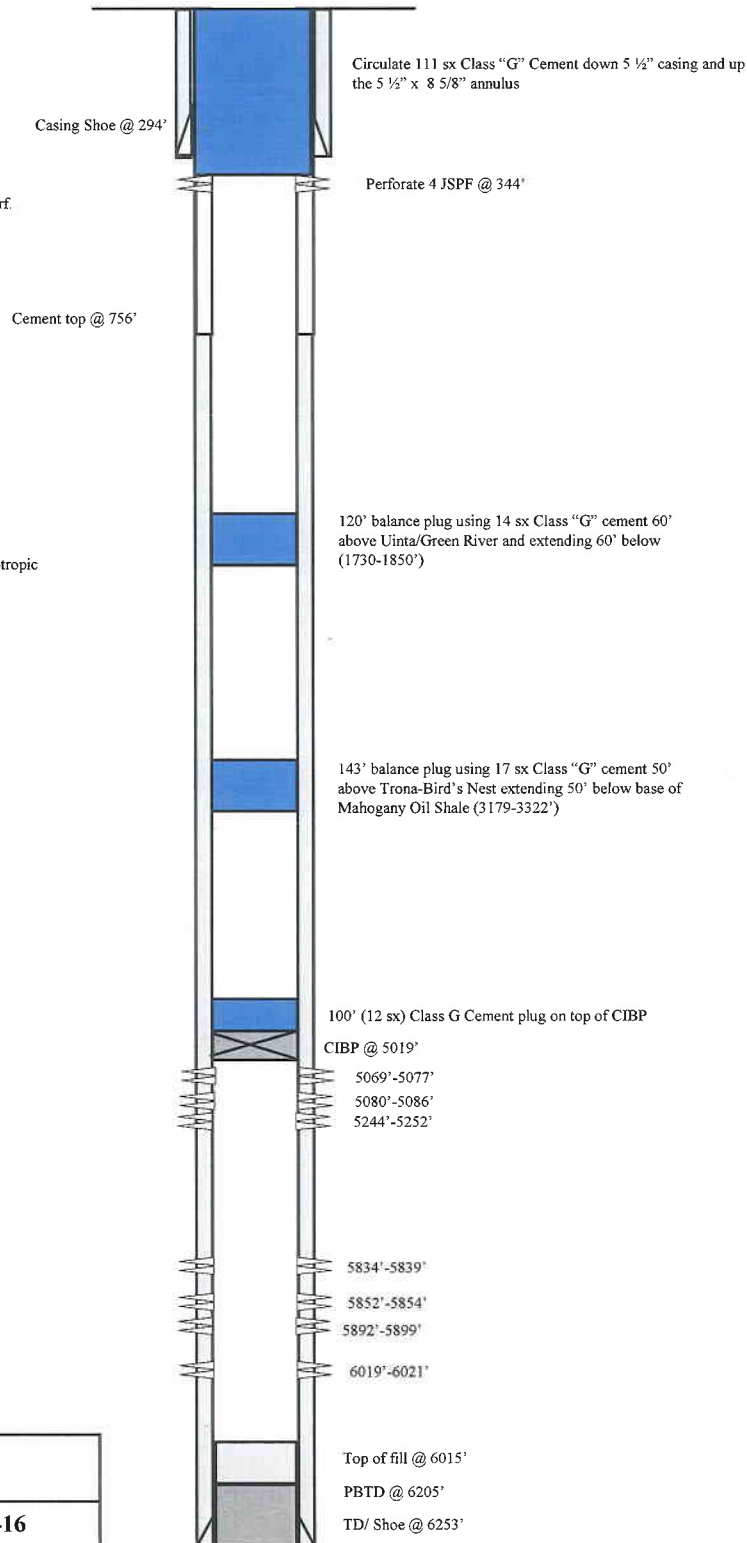
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294.30' (7 jts.)
DEPTH LANDED: 293.70' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6253.94')
DEPTH LANDED: 6253'
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 756' per CBL

Proposed P&A Wellbore Diagram



Monument Butte Federal #10-26-8-16

1973' FSL & 1992' FEL
NWSE Section 26-T8S-R16E
Duchesne Co, Utah
API #43-013-31668; Lease #U-34346

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

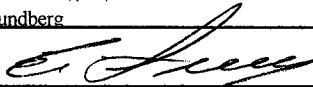
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature



Title

Regulator Analyst

Date

02/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAR. 08 2010

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-1J-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**HAWKEYE 14-23-8-16, MONUMENT BUTTE 4-26-8-16, MONUMENT BUTTE FEDERAL 10-26-8-16,
MONUMENT BUTTE FEDERAL 1-14-9-16, MONUMENT FEDERAL 32-1J-9-16, SOUTH WELLS
DRAW FEDERAL 2-3-9-16, SOUTH WELLS DRAW FEDERAL 8-3-9-16, JONAH FEDERAL 4-11-9-16,
JONAH UNIT 4-12-9-16, FEDERAL 1-23-9-16.**

Cause No. UIC-363

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

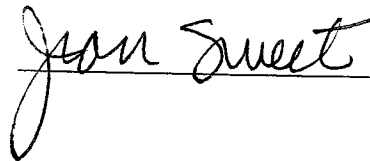
Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

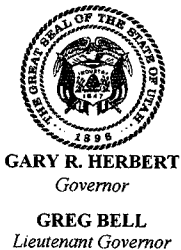


From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 3/26/2010 11:33 AM
Subject: UIC 363

Jean,
Notice of Agency Action UIC 363 will publish on March 30th.
Thank you,

--

Bonnie Parrish
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
(435) 722-5131
(435) 722-4140 Fax
bonnie@ubstandard.com



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000561251-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	dianeholland@utah.gov	Jean Sweet	jvaldez

Total Amount	\$250.28			
Payment Amt	\$0.00			
Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	20100325	

Confirmation Notes:

Text:

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product

Salt Lake Tribune::

Scheduled Date(s): 03/30/2010

Placement

Legal Liner Notice - 0998

Product

Deseret News::

Scheduled Date(s): 03/30/2010

Placement

Legal Liner Notice - 0998

Product

sltrib.com::

Scheduled Date(s): 03/30/2010

Placement

Legal Liner Notice - 0998

Product

utahlegals.com::

Scheduled Date(s): 03/30/2010

Placement

utahlegals.com

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 10-26-8-16 well located in NW/4 SE/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 11, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/Gil Hunt
Associate Director
561251

UPAXLP

From: "Valdez-Carruther, Justina" <jvaldez@mediaoneutah.com>
To: <JSWEET@utah.gov>
Date: 3/26/2010 12:05 PM
Subject: 20100325
Attachments: OrderConf.pdf

MAR 30



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 25, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-363

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

A handwritten signature in cursive script that reads "Jean Sweet".

Jean Sweet
Executive Secretary

Enclosure

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX ID.# 87-0217663

The Salt Lake Tribune

MEDIAOne
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/31/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000561251 /	
SCHEDULE			
Start 03/30/2010		End 03/30/2010	
CUST. REF. NO.			
20100325			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
73 Lines		2.00 COLUMN	
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		250.28	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-363

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23 AND 26, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 1, 3, 11, 12 AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Hawkeye 14-23-8-16 well located in SE/4 SW/4, Section 23, Township 8 South, Range 16 East
Monument Butte 4-26-8-16 well located in NW/4 NW/4, Section 26, Township 8 South, Range 16 East
Monument Butte Federal 1-0-26-8-16 well located in NW/4 SE/4, Section 23, Township 8 South, Range 16 East
Monument Butte Federal 1-14-9-16 well located in SW/4 SW/4, Section 1, Township 9 South, Range 16 East
Monument Federal 32-11-9-16 well located in SW/4 NE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Federal 2-3-9-16 well located in NW/4 NE/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 8-3-9-16 well located in SE/4 NE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 4-11-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East
Jonah Unit 4-12-9-16 well located in NW/4 NW/4, Section 12, Township 9 South, Range 16 East
Federal 1-23-9-16 well located in NE/4 NE/4, Section 23, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 25th day of March, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Associate Director
561251

UPAXLP

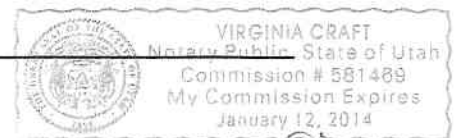
AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 03/30/2010 End 03/30/2010

SIGNATURE

DATE 3/31/2010



Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

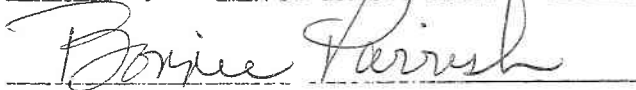
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of March, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of March, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



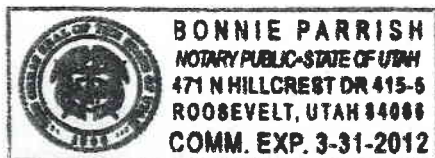
Publisher

Subscribed and sworn to before me this

30 day of March, 20 10



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-363

BEFORE THE DIVI-
SION OF OIL, GAS AND
MINING

DEPARTMENT OF
NATURAL RESOURC-
ES

STATE OF UTAH
IN THE MATTER OF
THE APPLICATION
OF NEWFIELD PRO-
DUCTION COMPANY
FOR ADMINISTRATIVE APPROVAL OF
CERTAIN WELLS LO-
CATED IN SECTIONS
23 AND 26, TOWNSHIP
8 SOUTH, RANGE 16
EAST; SECTIONS 1, 3,
11, 12 AND 23, TOWN-
SHIP 9 SOUTH, RANGE
16 EAST; DUCHESNE
COUNTY, UTAH, AS
CLASS II INJECTION
WELLS.

THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given
that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing
an informal adjudicative
proceeding to consider the
application of Newfield
Production Company
for administrative ap-
proval of the following
wells located in Duchesne
County, Utah, for conver-
sion to Class II injection
wells:

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-11-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 2-3-9-16 well located
in NW/4 NE/4, Section 3,
Township 9 South, Range

Dated this 25th day of
March, 2010:
STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
/s/
Gil Hunt
Associate Director
Published in the Uintah
Basin Standard March 30,
2010.

and sworn to before me this

f March, 20 10

ie Parrish

Notary Public

BONNIE PARRISH
NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-S
ROOSEVELT, UTAH 84008
COMM. EXP. 3-31-2012

Greater Monument
Butte Unit:

Hawkeye 14-23-8-16
well located in SE/4
SW/4, Section 23, Town-
ship 8 South, Range 16
East

Monument Butte 4-
26-8-16 well located in
NW/4 NW/4, Section 26,
Township 8 South, Range
16 East Monument Butte
Federal 10-26-8-16 well
located in NW/4 SE/4,
Section 26, Township 8
South, Range 16 East

Monument Butte
Federal 1-14-9-16 well
located in SW/4 SW/4,

Section 1, Township 9
South, Range 16 East

Monument Federal
32-1J-9-16 well located
in SW/4 NE/4, Section 1,
Township 9 South, Range
16 East

South Wells Draw Fed-
Township 9 South, Range
16 East

South Wells Draw Fed-
eral 8-3-9-16 well located
in SE/4 NE/4, Section 3,
Township 9 South, Range
16 East Jonah Federal 4-
11-9-16 well located in
NW/4 NW/4, Section 11,
Township 9 South, Range
16 East

Jonah Unit 4-12-9-16
well located in NW/4
NW/4, Section 12, Town-
ship 9 South, Range 16
East

Federal 1-23-9-16 well
located in NE/4 NE/4,
Section 23, Township 9
South, Range 16 East

The proceeding will
be conducted in accor-
dance with Utah Admin.
R649-10, Administrative
Procedures.

Selected zones in the
Green River Formation
will be used for water
injection. The maximum
requested injection pres-
sures and rates will be
determined based on frac-
ture gradient information
submitted by Newfield
Production Company.

Any person desiring to
object to the application
or otherwise intervene in
the proceeding, must file a
written protest or notice of
intervention with the Di-
vision within fifteen days
following publication of
this notice. The Division's
Presiding Officer for the
proceeding is Gil Hunt,
Associate Director, at P.O.
Box 145801, Salt Lake
City, UT 84114-5801,
phone number (801) 538-
5340. If such a protest or
notice of intervention is
received, a hearing will be
scheduled in accordance
with the aforementioned
administrative procedural
rules. Protestants and/or
interveners should be
prepared to demonstrate

Dated this 25th day of
March, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 30,
2010.

Monument Butte Fed. NE 10-26-8-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 4/6/2010



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 3, 2010

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Butte Federal NE 10-26-8-16, Section 26, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31668

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte





March 15, 2011

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Monument Butte Federal 10-26-8-16
API # 43-013-31668

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucy Chavez-Naupoto".

Lucy Chavez-Naupoto
Water Services Technician

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-34346
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1973 FSL 1992 FEL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED NE 10-26
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E		9. API NUMBER: 4301331668
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/10/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Water Services Technician
SIGNATURE 	DATE 03/15/2011

(This space for State use only)

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1973 FSL 1992 FEL

NWSE Section 26 T8S R16E

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED NE 10-26

9. API Well No.

4301331668

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/03/2011.

On 03/08/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/10/2011 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31668

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Nauboto

Signature

Title

Water Services Technician

Date

03/15/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
MAR 21 2011

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: WADE DAVIS Date 3/10/11 Time 9:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u>	Field: <u>MONUMENT BUTTE FEDERAL</u> <u>10-26-8-16</u> UTU 87538X
Well Location: <u>MONUMENT BUTTE FEDERAL</u>	API No: _____
<u>NW/SE SEC 26 T8S R16E</u>	<u>43-013-31668</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1260</u>	psig
5	<u>1260</u>	psig
10	<u>1260</u>	psig
15	<u>1260</u>	psig
20	<u>1260</u>	psig
25	<u>1260</u>	psig
30 min	<u>1260</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

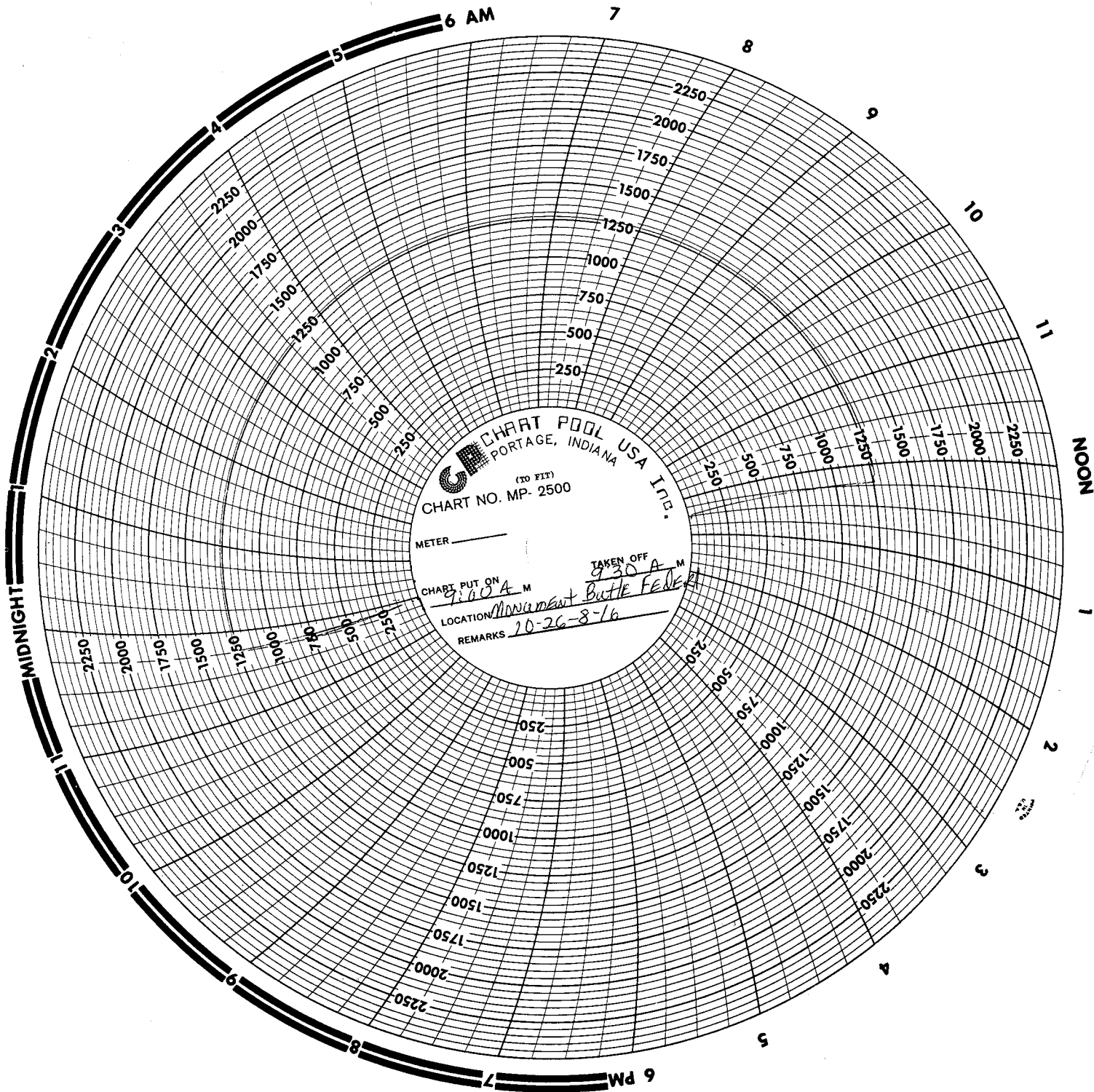
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

David Cloward



Daily Activity Report**Format For Sundry****MON BT NE 10-26-8-16****1/1/2011 To 5/30/2011****3/3/2011 Day: 1****Conversion**

WWS #7 on 3/3/2011 - MIRU Western rig #7. LD rod string & pump. NU BOP & tag fill. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (well is circulating). RU pumping unit & unseat rod pump. Flush (circulate) tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods 4 more on TOH. ND wellhead & release TA @ 5822'. NU BOP. PU 1 jt tbg & tag fill @ 5928' (btm 2' CP perfs covered--will leave per Geo's). LD 1 jt tbg. SIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$20,377**3/4/2011 Day: 2****Conversion**

WWS #7 on 3/4/2011 - TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 30 jts & BHA. Re-flushed tbg halfway out W/ add'l 30 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 161 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4983', CE @ 4988' & EOT @ 4992'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

Daily Cost: \$0**Cumulative Cost:** \$22,053**3/11/2011 Day: 3****Conversion**

Rigless on 3/11/2011 - Conversion MIT - On 3/8/2011 Dennis Ingram with the State of Utah

DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 - On 3/8/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Monument Butte 10-26-8-16). Permission was given at that time to perform the test on 3/8/2011. On 3/10/2011 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-31668 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$47,373

Pertinent Files: [Go to File List](#)

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Monument Butte Federal NE 10-26-8-16

Location: 26/8S/16E **API:** 43-013-31668

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 294 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,253 feet. A cement bond log demonstrates adequate bond in this well up to 3,272 feet. A 2 7/8 inch tubing with a packer will be set at 5,027 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 1 shut-in well, and 6 injection wells entirely within the area of review (AOR). There is also 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. In addition, there are currently 3 permitted surface locations outside the AOR from which wells will be directionally drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 300 feet. Injection shall be limited to the interval between 4,365 feet and 6,253 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-26-8-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,062 psig. The requested maximum pressure is 2,062 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-363

Operator: Newfield Production Company
Well: Monument Butte Federal NE 10-26-8-16
Location: Section 26, Township 8 South, Range 16 East
County: Duchesne
API No.: 43-013-31668
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 3, 2010.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,365' – 6,253')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

4/7/2011
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-34346

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

8. WELL NAME and NUMBER:

MONUMENT BUTTE FED NE 10-26

9. API NUMBER:

4301331668

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1973 FSL 1992 FEL

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 26, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>05/11/2011</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

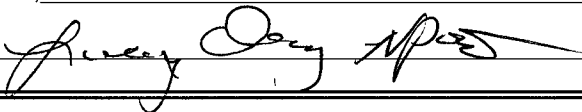
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 3:00 PM on 05/11/2011.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/12/2011

(This space for State use only)

RECEIVED

MAY 19 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34346
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MONUMENT BUTTE FED NE 10-26
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1973 FSL 1992 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013316680000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <div style="border: 1px solid black; padding: 2px; display: inline-block;">2/4/2016</div> <input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER			OTHER: <div style="border: 1px solid black; padding: 2px; display: inline-block;">5 YR MIT</div>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 02/01/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/04/2016 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1436 psig during the test. There was a State representative available to witness the test - Amy Doebele.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

February 08, 2016

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/8/2016	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 2/4/16 Time 9:13 am pmTest Conducted by: INAKI LASA

Others Present: _____

Well: MON BUTTE FED NE 10-26-8-16Field: Monument Butte

Well Location:

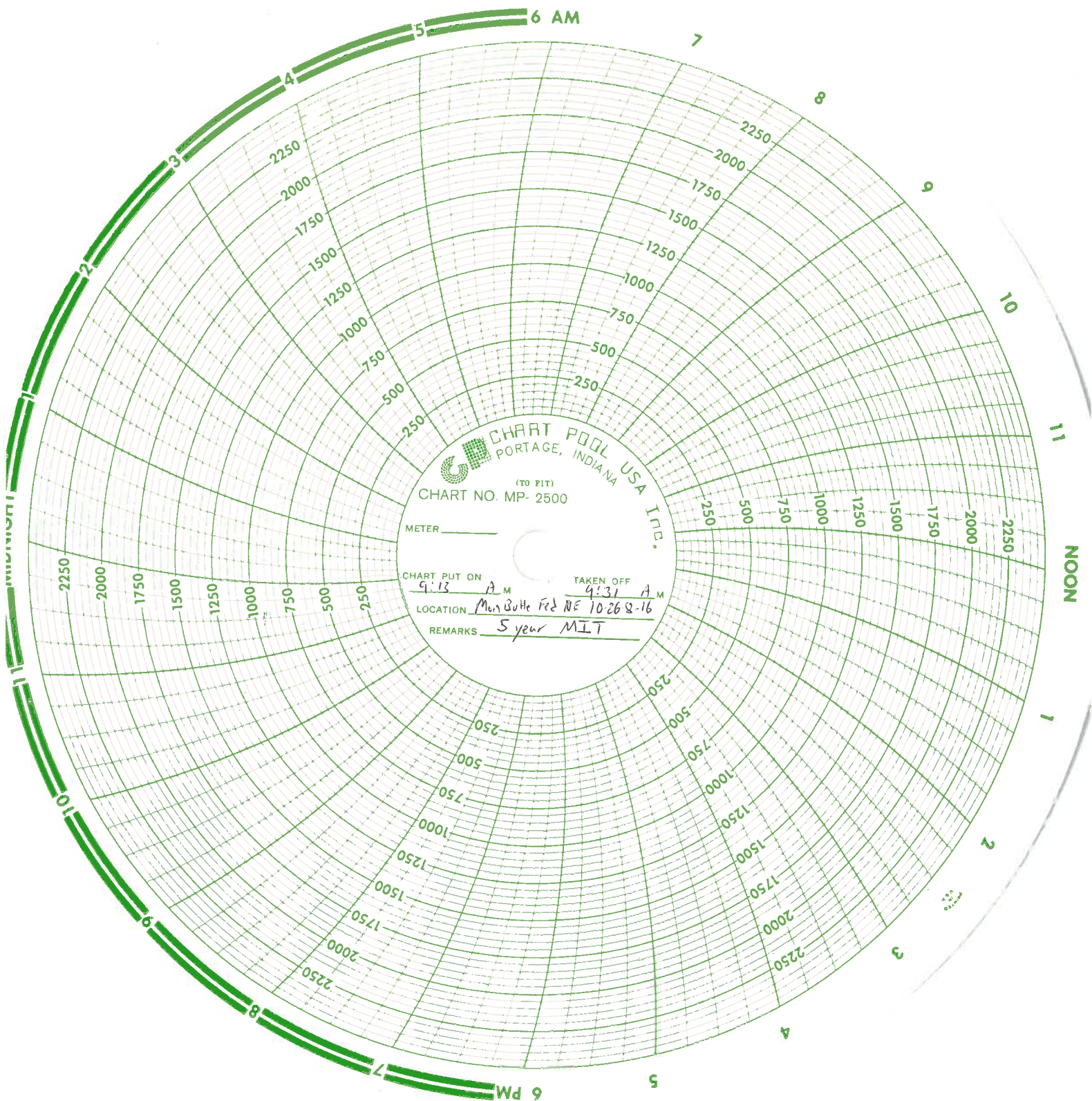
Duchesne, UTAHAPI No: 4301331668

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>0</u>	psig
5	<u>1,200</u>	psig
10	<u>1,200</u>	psig
15	<u>1,200</u>	psig
20	_____	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1,436 psigResult: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Inaki Lasas



Spud Date: 11/07/96
 POP: 12/21/96
 GL: 5496' KB: 5509'

Monument Butte Federal 10-26-8-16

Initial Production: 210 BOPD,
 198 MCIPD, 12 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 294.30' (7 jts.)
 DEPTH LANDED: 293.76' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cement, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (6253.94')
 DEPTH LANDED: 6253'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic
 CEMENT TOP AT: 756' per CBL

TUBING

SIZE GRADE WT.: 2-7/8" M-50 6.5#
 NO. OF JOINTS: 161 jts. (4970.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4983.4' KB
 CE at 4987.78'
 TOTAL STRING LENGTH: EOT at 4992' KB

Cement top at 756'

FRAC JOB

12/11/96 5834'-6021' Frac C-P-1 & LODC sands as follows:
 119,500# of 20-40 sand in 661 bbls of
 Boragel. Breakdown at 2617 psi. Treated at
 avg rate of 34.5 bpm w avg press of 1750
 psi. ISIP: 2100 psi. 5-min 1978 psi.
 Flowback on 12.64" ck for 3 hours and
 died.

12/13/96 5244'-5252' Frac C sand as follows:
 98,700# of 20-40 sand in 519 bbls of
 Boragel. Breakdown at 3360 psi. Treated at
 avg rate of 20.3 bpm w avg press of 2000
 psi. ISIP: 3768 psi. 5-min 3417 psi.
 Flowback on 12.64" ck for 12 min and died.

12/16/96 5069'-5086' Frac D-1 sand as follows:
 102,100# of 20-40 sand in 551 bbls of
 Boragel. Breakdown at 3367 psi. Treated at
 avg rate of 20.4 bpm w avg press of 1800
 psi. ISIP: 2580 psi. 5-min 2483 psi.
 Flowback on 12.64" ck for 2 hours and
 died.

03/18/02 Tubing leak. Update rod and tubing details.

07/09/03 Parted Rods. Update rod detail.

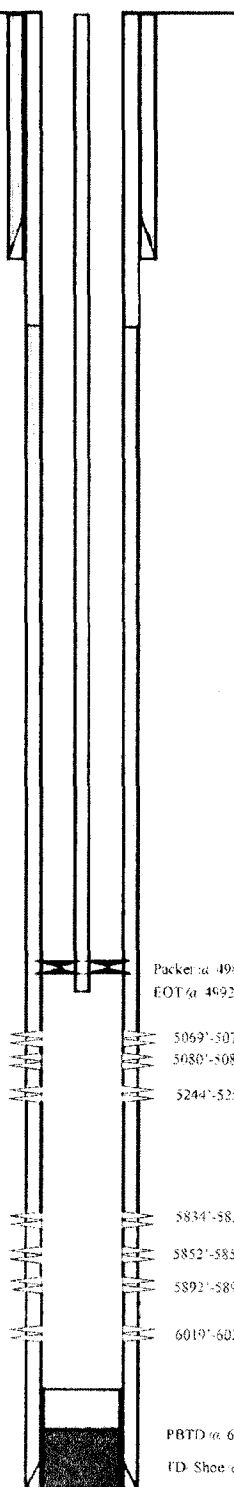
03/01/05 Pump change. Updated rod detail.

03/03/11 Convert to Injection well

03/10/11 Conversion MIT finalized - updated lbg
 detail

PERFORATION RECORD

12/10/96	6019'-6021'	4 ISPF	8 holes
12/10/96	5892'-5899'	4 ISPF	28 holes
12/10/96	5852'-5854'	4 ISPF	8 holes
12/10/96	5834'-5839'	4 ISPF	20 holes
12/12/96	5244'-5252'	4 ISPF	32 holes
12/14/96	5080'-5086'	4 ISPF	24 holes
12/14/96	5069'-5077'	4 ISPF	32 holes



NEWFIELD

Monument Butte Federal 10-26-8-16

1973' FSL & 1992' FEL

NWSE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31668; Lease #U-34346